

Fig. 1

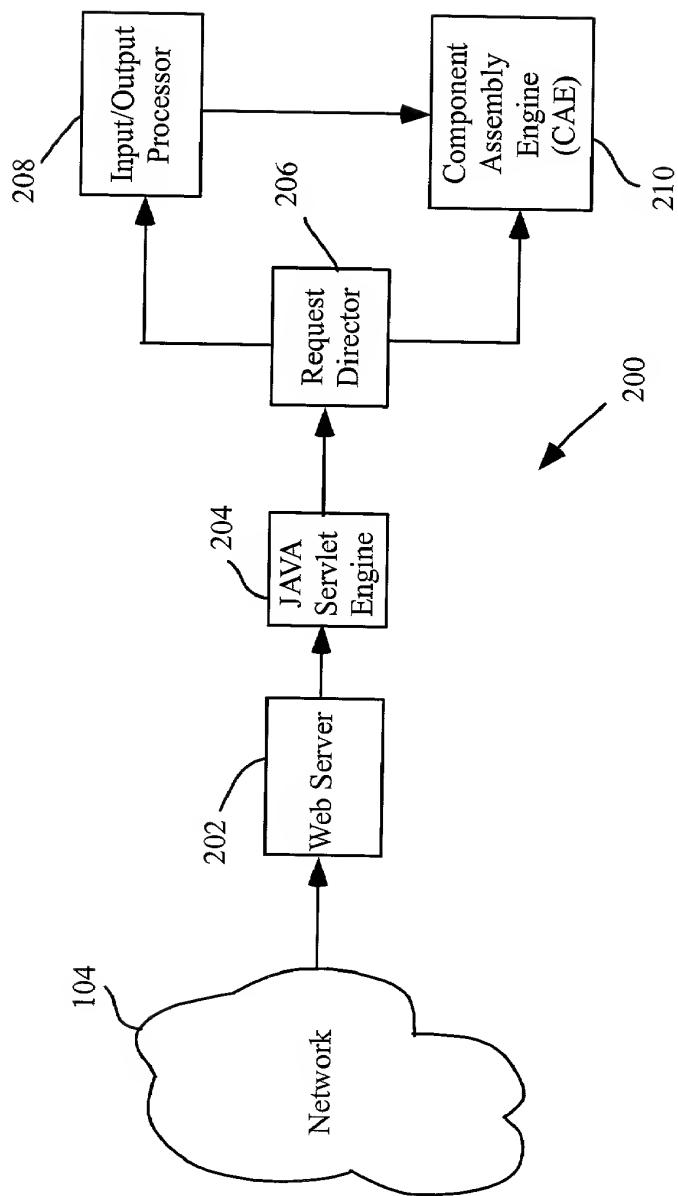


Fig. 2

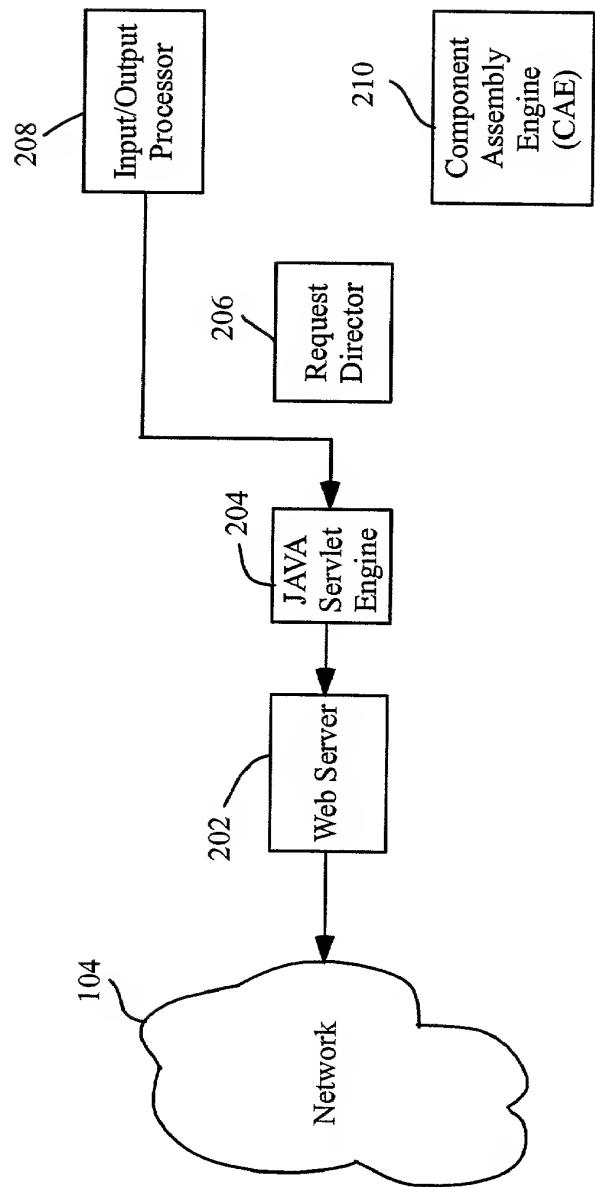


Fig. 3

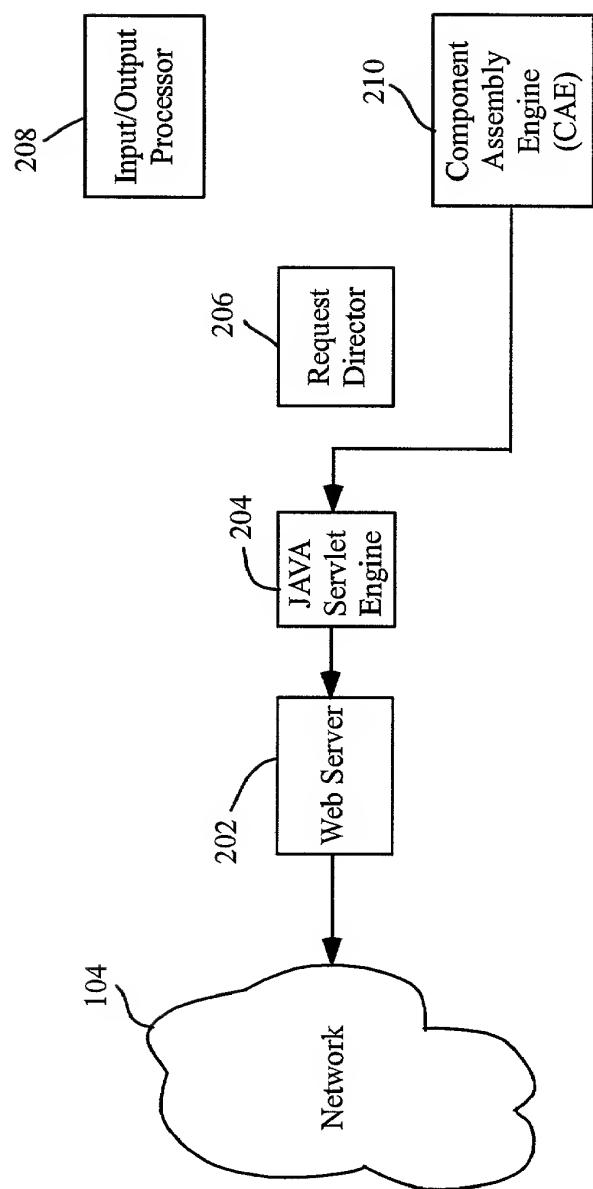


Fig. 4

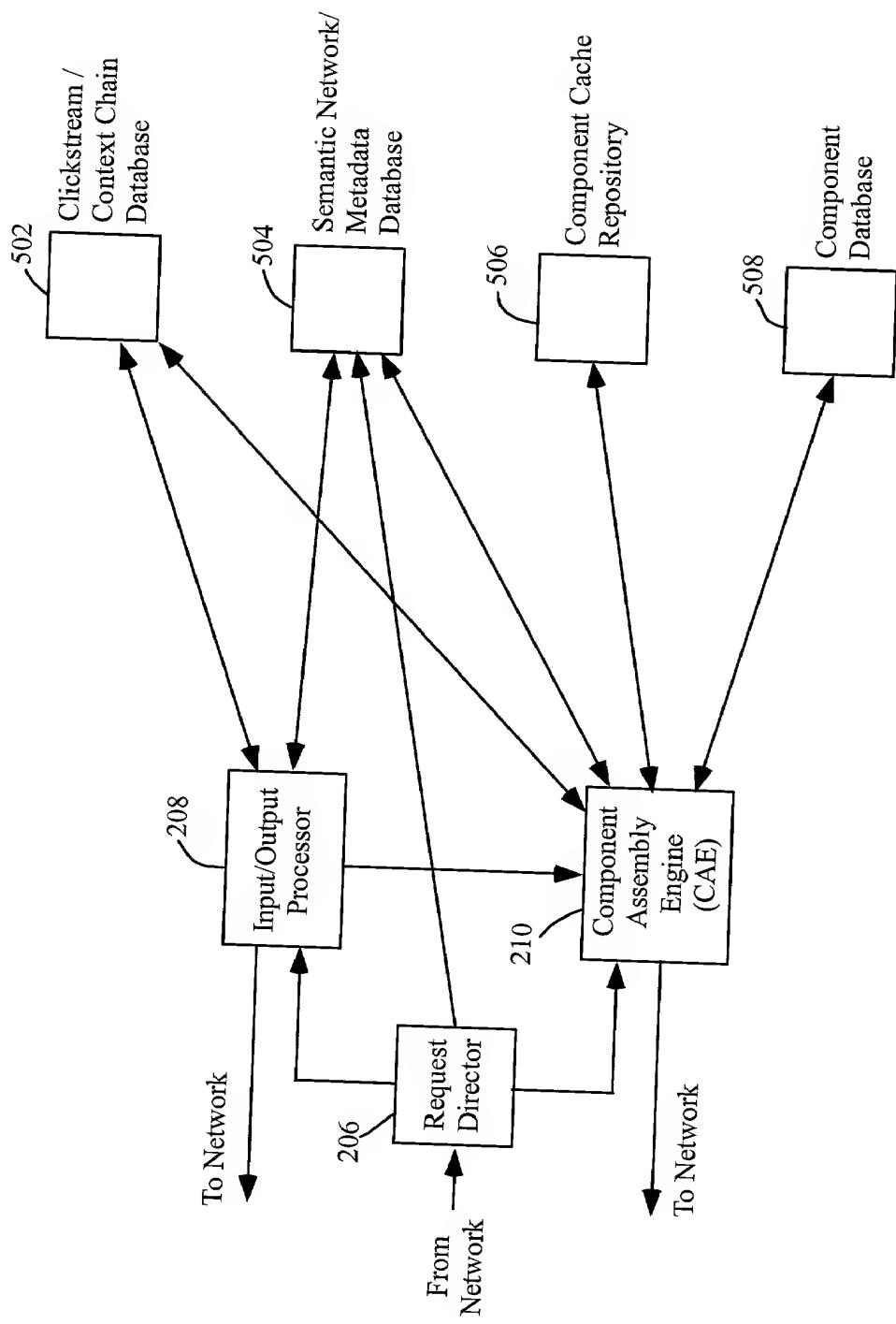


Fig. 5

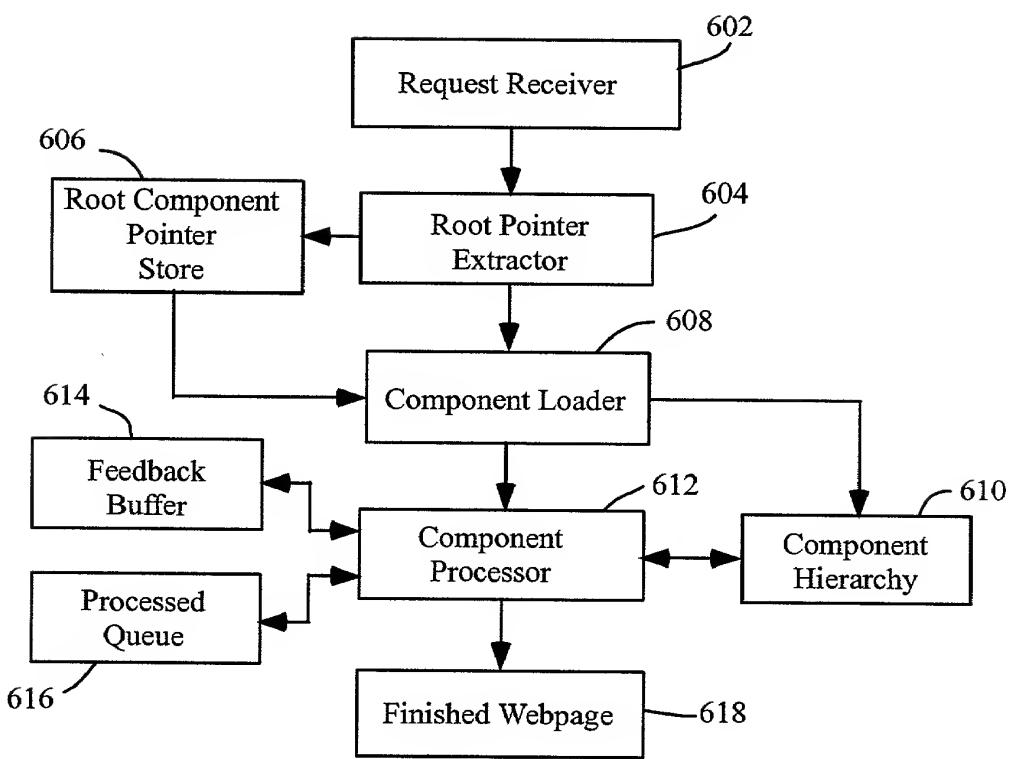


Fig. 6

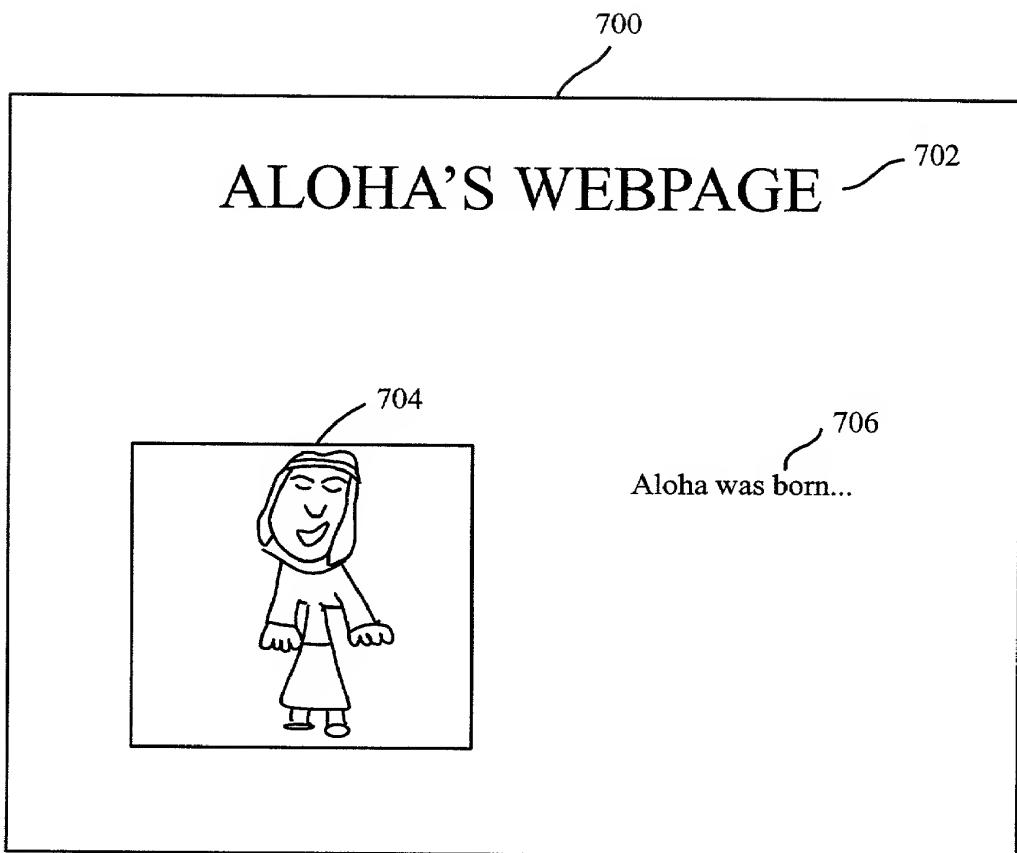


Fig. 7

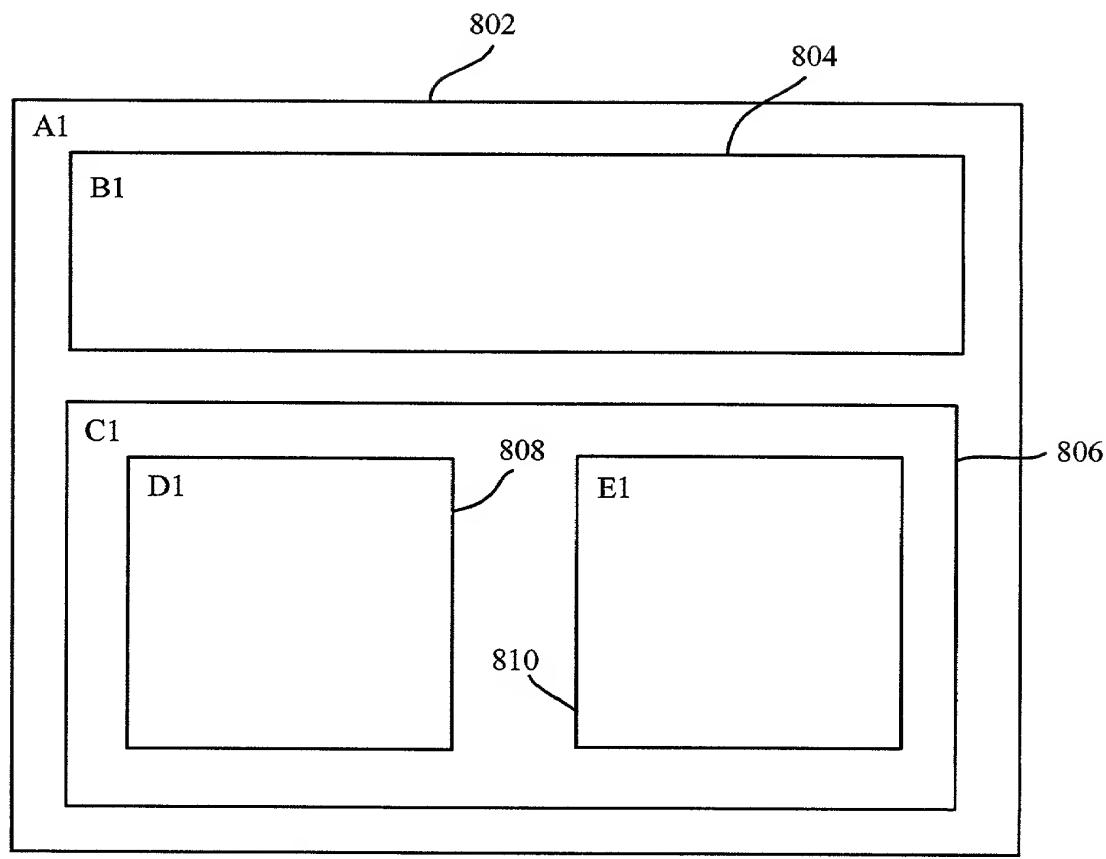


Fig. 8

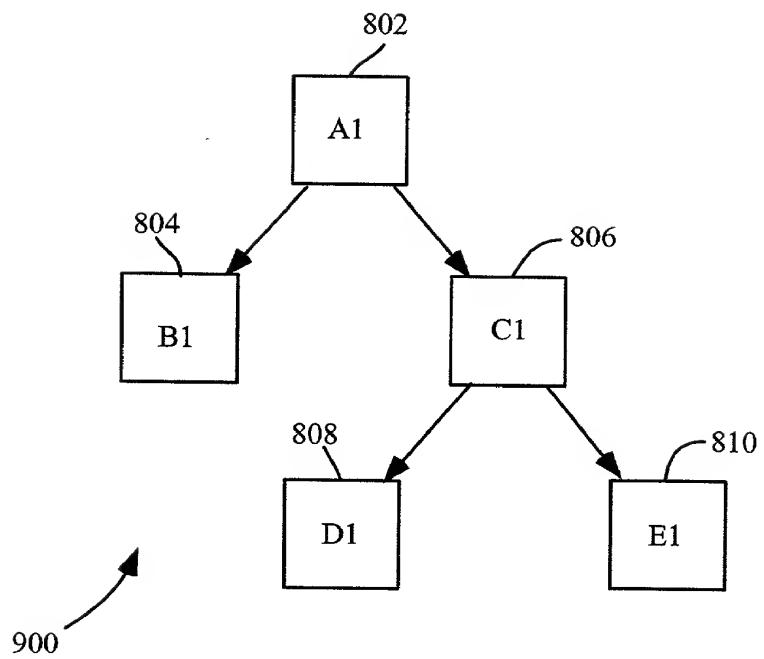


Fig. 9

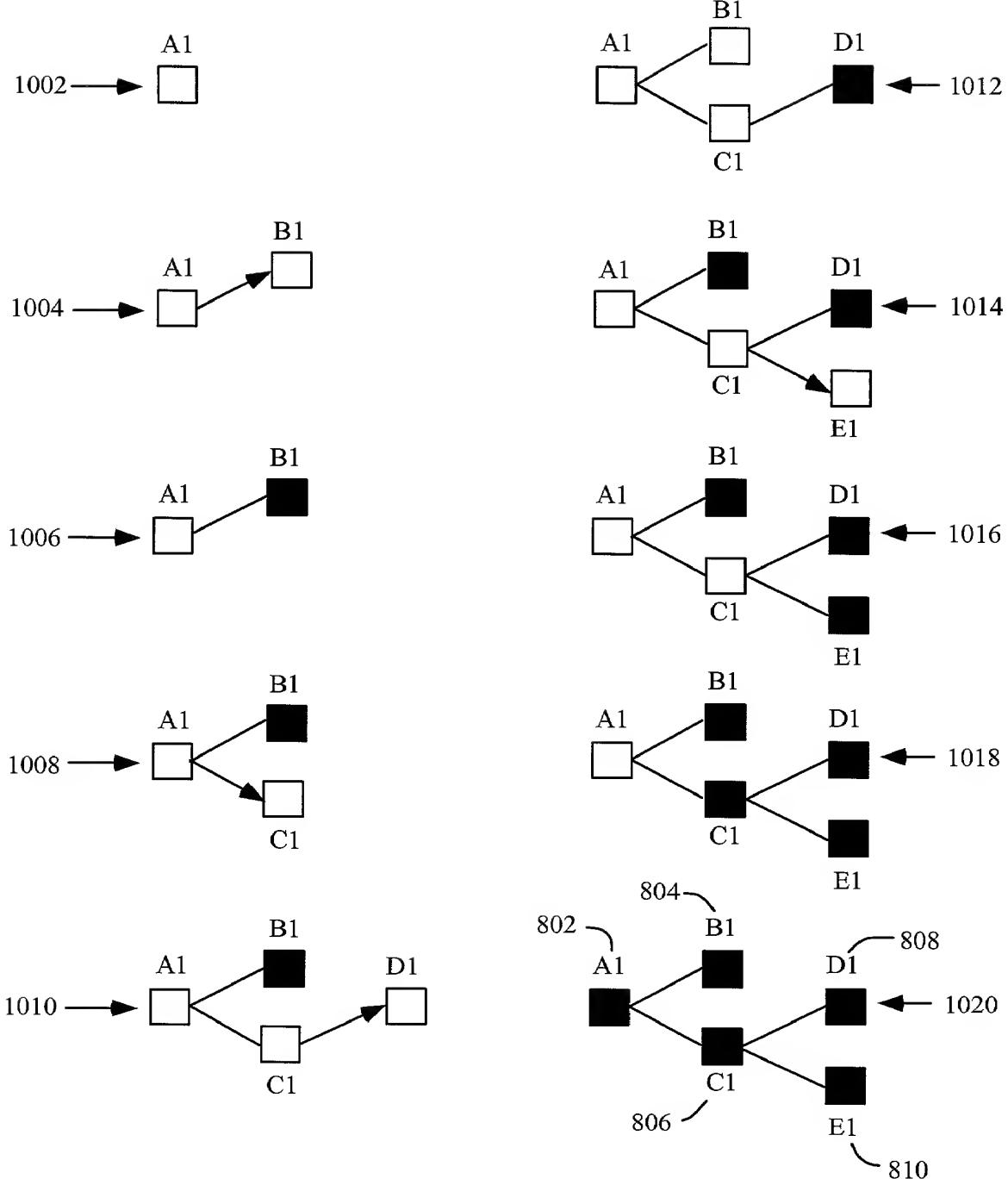


Fig. 10

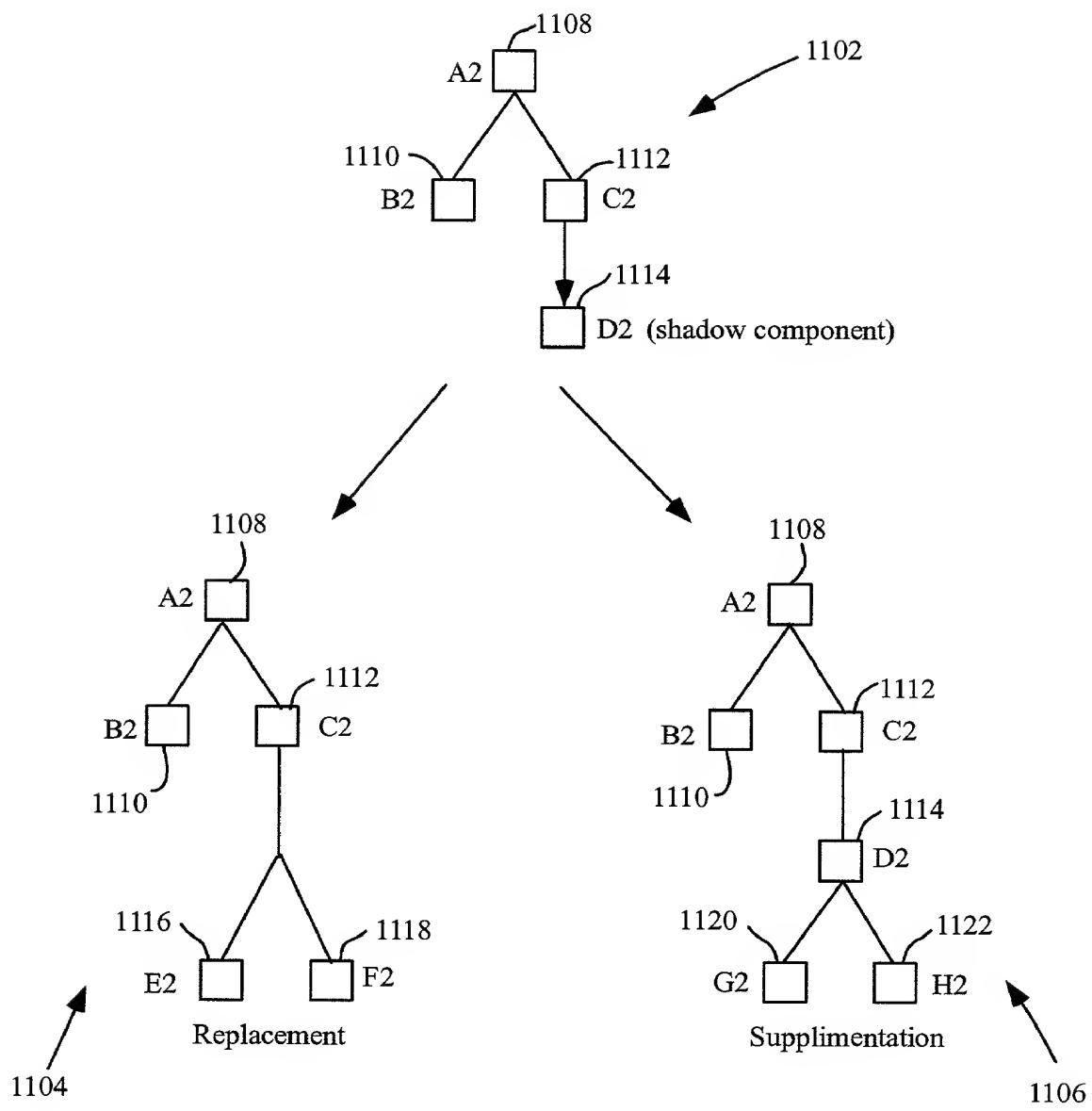


Fig. 11

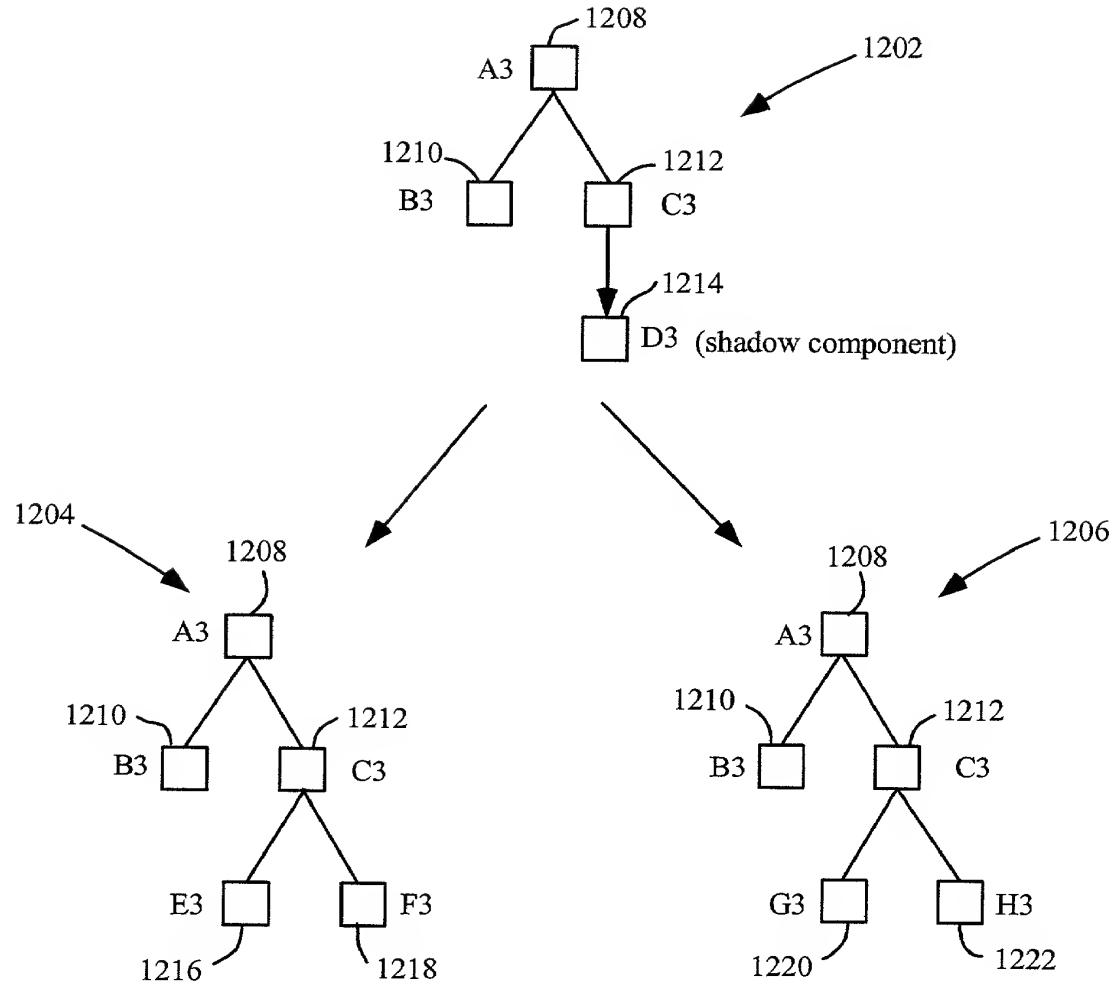


Fig. 12

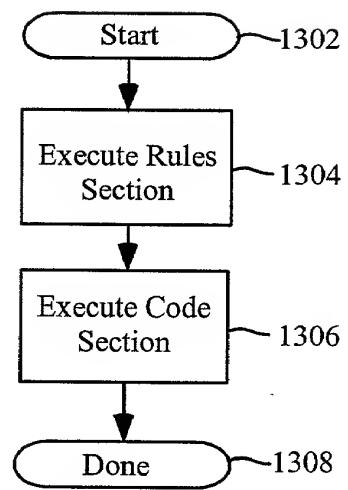


Fig. 13

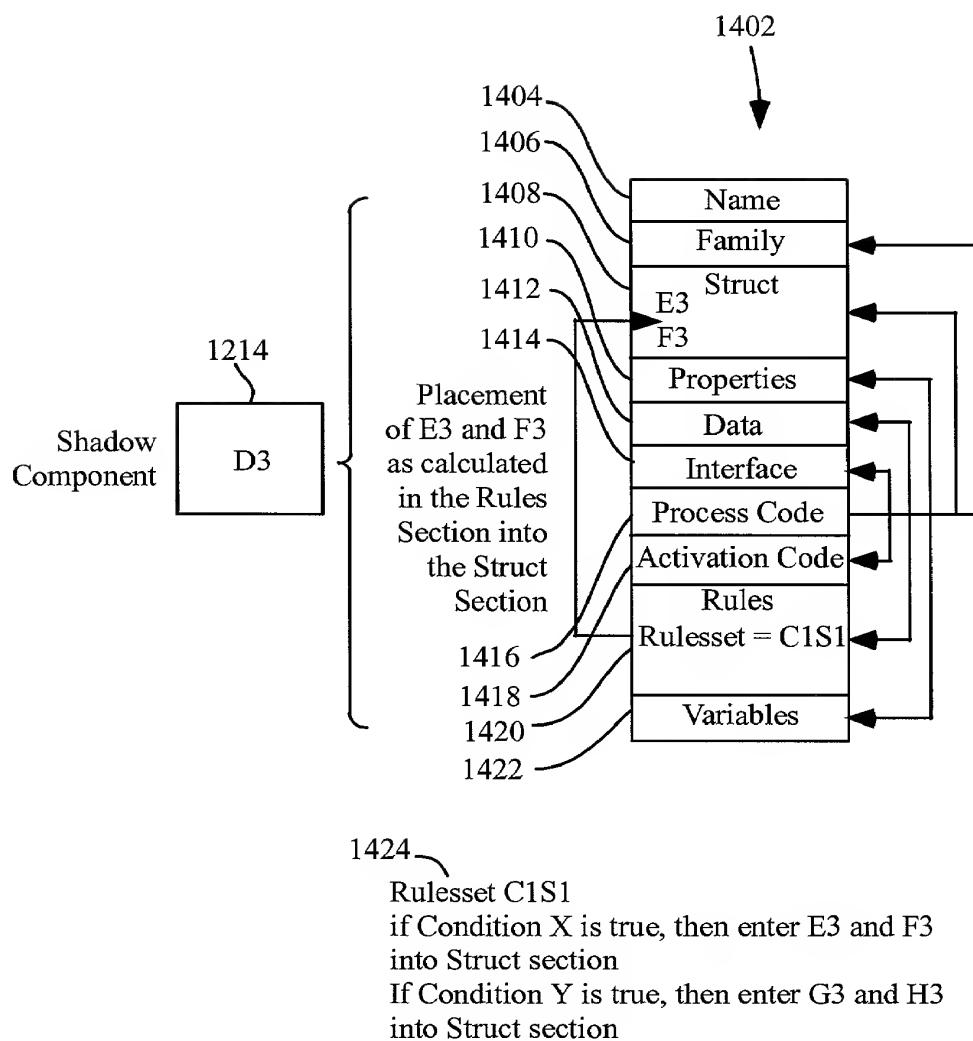


Fig. 14

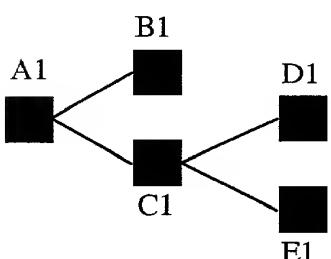
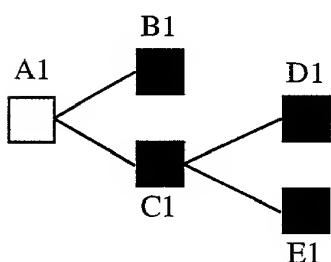
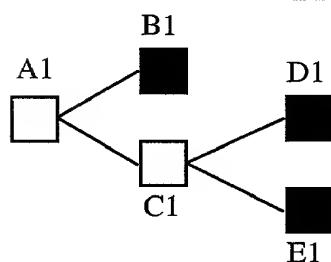
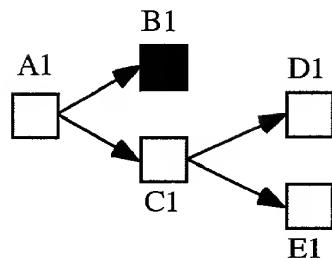
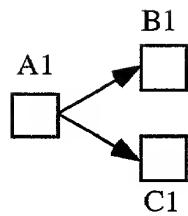


Fig. 15

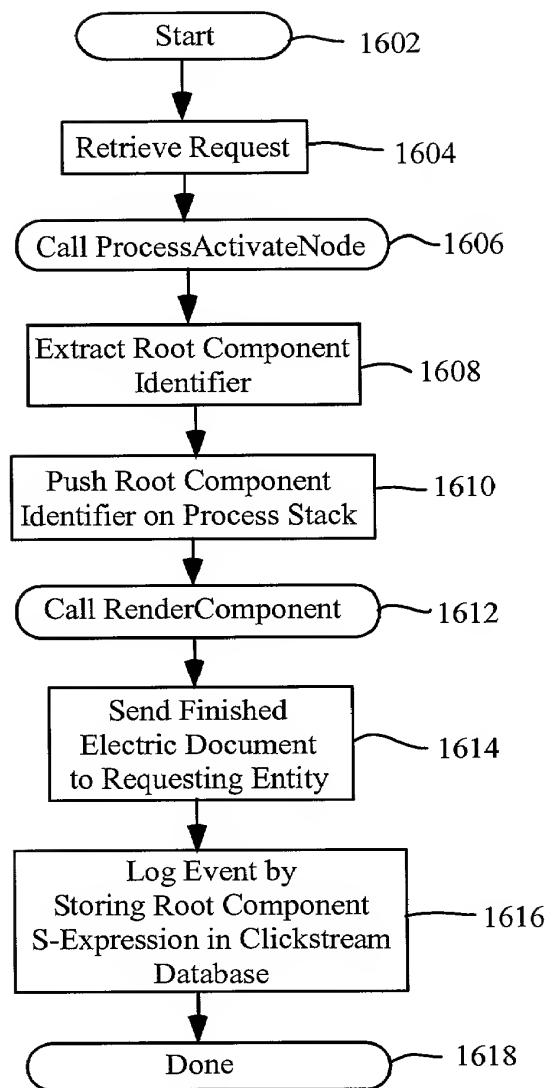


Fig. 16

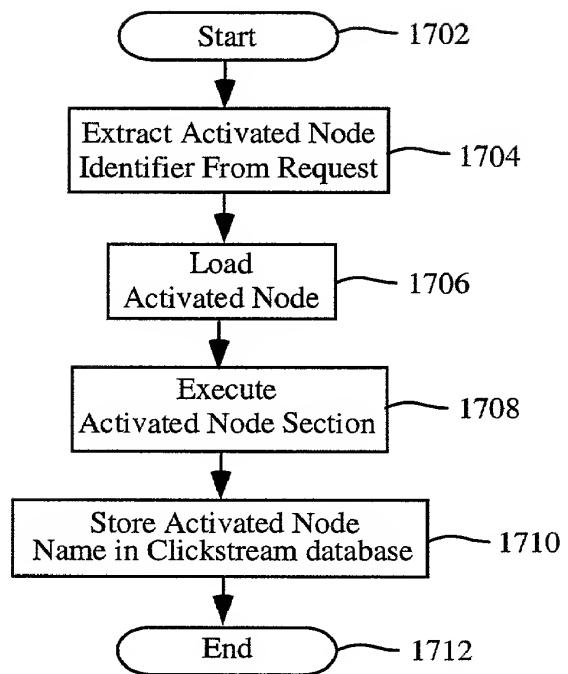


Fig. 17

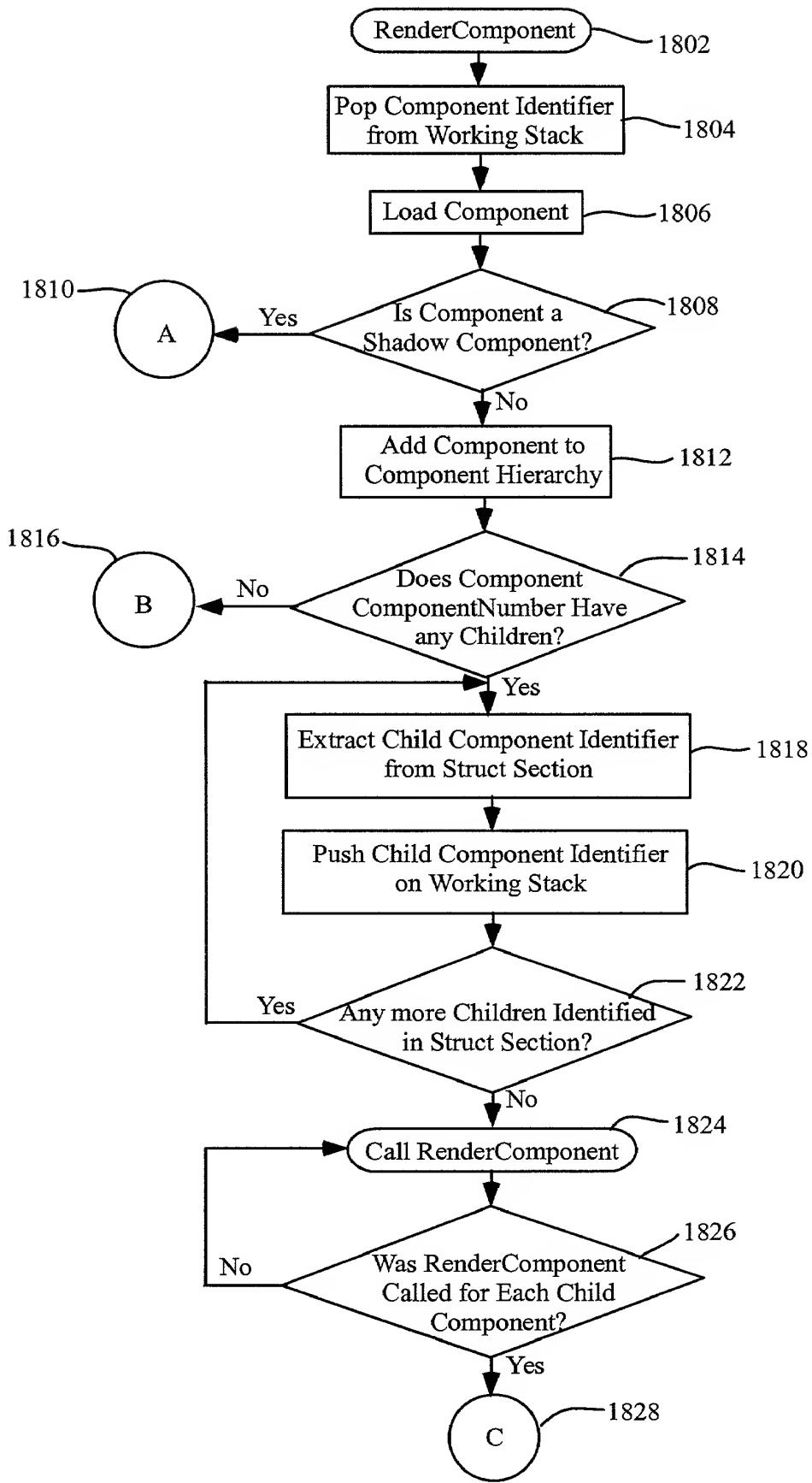


Fig. 18

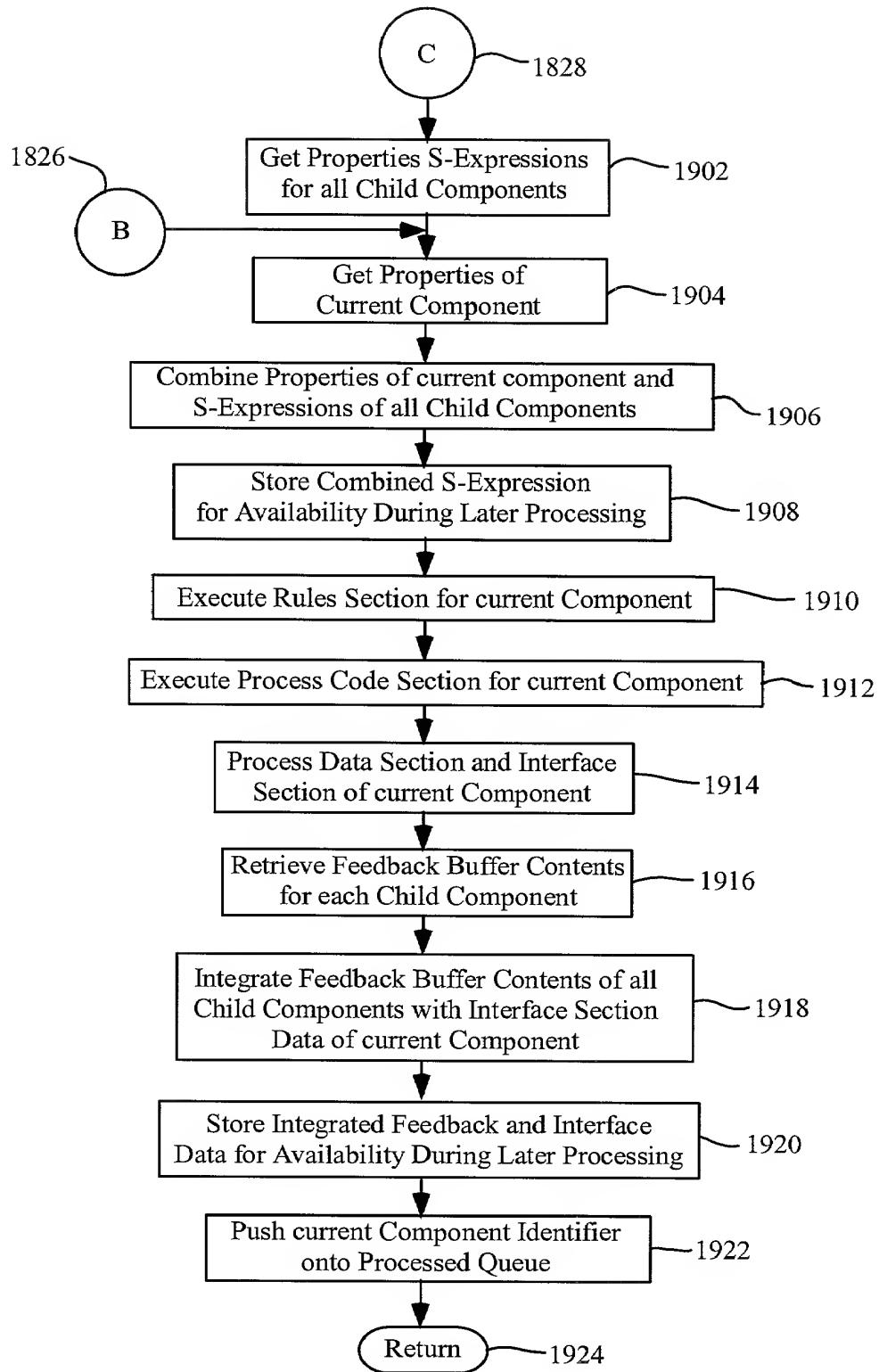


Fig. 19

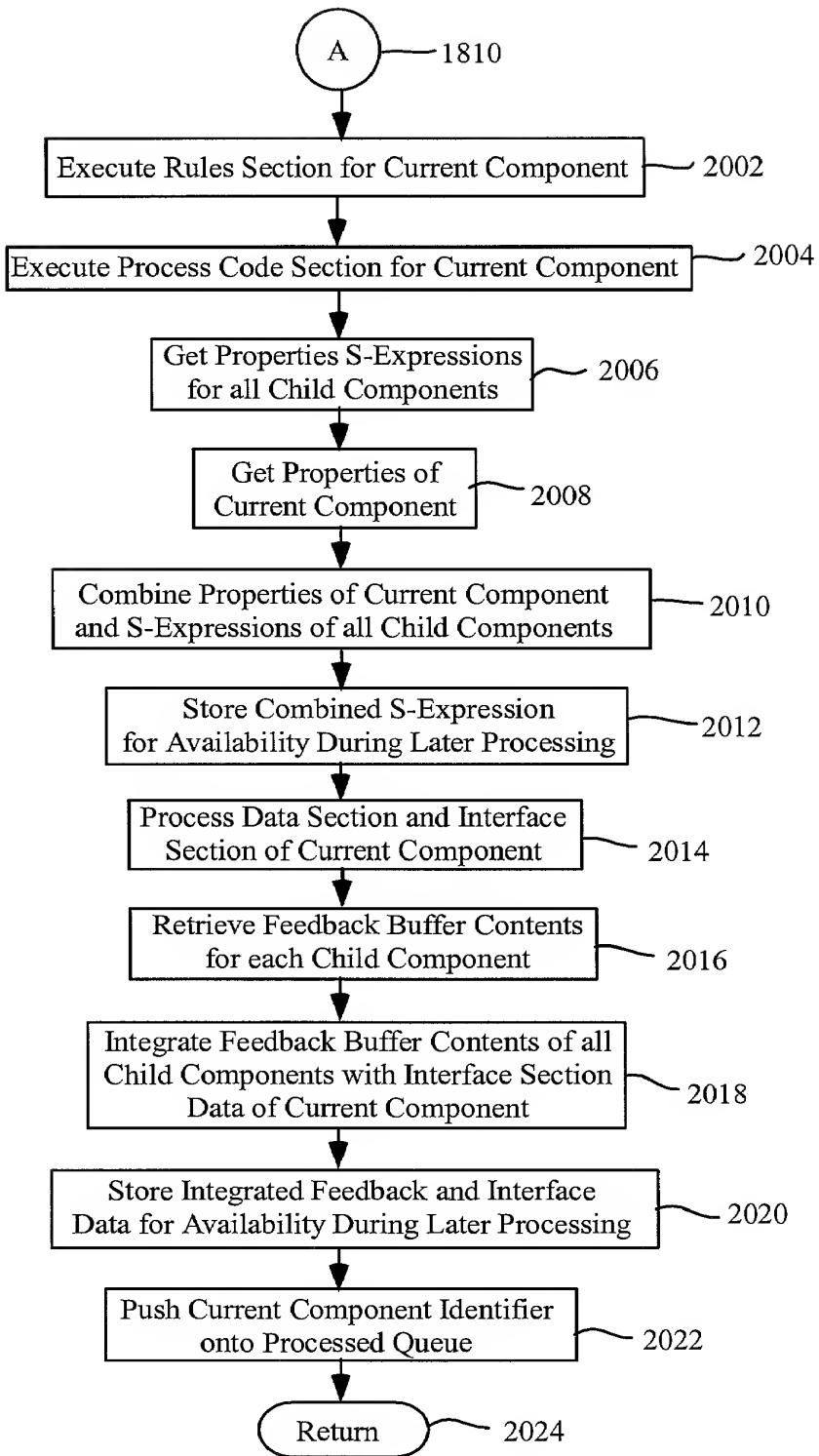


Fig. 20

2100
E1 — 2102
D1 — 2104
C1 — 2106
B1 — 2108
A1 — 2110

Fig. 21

<HTML>
<BODY>
<CENTER><H1>ALOHA'S WEBPAGE</H1></CENTER> — 2206
<TABLE>
<TBODY>
<TR>
<TD>
 — 2216
</TD>
<TD>
Aloha was born ... — 2222
</TD>
</TR>
</TBODY>
</TABLE>
</BODY>
</HTML>

Fig. 22

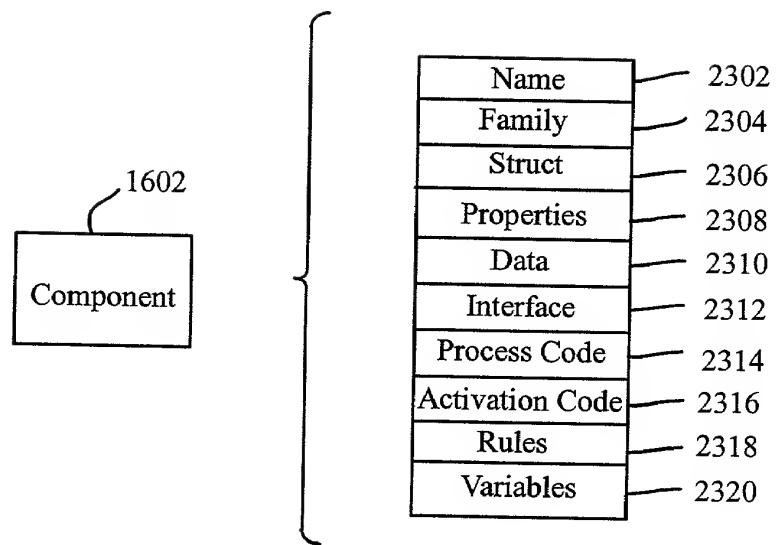


Fig. 23

2402
<identification>
2404
<name value="D1"/>
2406
<type value="normal"/>
2408
<description value="my picture"/>
2410
</identification>

Fig. 24

2502
<relatives>
2504
<relative value="pictures_of_me"/>
2506
<relative value="home_image"/>
2508
</relatives>

Fig. 25

```
<struct> 2602
  <reference value="D1"/> 2604
  <reference value="E1"/> 2606
  <reference value="this"/> 2608
</struct> 2610
```

Fig. 26

```
<properties> 2702
  <property name="pizza" value= 1.0"/> 2704
  <property name="hot food" value="1.0"/> 2706
</properties> 2708
```

Fig. 27

2802
<data type="xml"> 2804
 <![CDATA[2806
 <templateData> 2808
 <data_element> 2810
 <person> 2812
 <name>Llewellyn Wall</name> 2814
 <num>5</num> 2816
 </person> 2818
 </data_element> 2820
 </templateData> 2822
]]> 2824

Fig. 28

2902
<interface type="image/gif"> 2904
 <![CDATA[R01GOD1hAQABAID/AMDAwAAAACH5BA
 EAAAAALAAAAAABAAEAAAICRAEAOw=]]>
</interface> 2906
2908
<interface type="text/html"> 2910
 <![CDATA[Hello web user!]]>
</interface> 2912

Fig. 29

```
<code language="JavaScript"> ↗ 3002
    <![CDATA[ ↗ 3004
        // @API ↗ 3006
        var fileArr = API.getFileListing("w","xml"); ↗ 3008
        var i; ↗ 3010
        var newStr = "" ↗ 3012
        if (fileArr !=null) { ↗ 3014
            for (i=0; i<fileArr.length; i++) { ↗ 3016
                newStr += fileArr[i] + "<br>"; ↗ 3018
            } ↗ 3020
        } ↗ 3022
        newStr += "[DONE]"; ↗ 3024
        API.setComponentInterface(cID, "text/html",newStr); ↗ 3024
    ]]> ↗ 3026
</code> ↗ 3028
```

Fig. 30

```
<activationcode language="JavaScript"> ↗ 3102
    <![CDATA[The user has selected component D1!]]> ↗ 3104
</activationcode> ↗ 3106
```

Fig. 31

09:33:22 2017
Fig. 32

```
<ruleset> ~ 3202
  <name value="oriental_food_preferences_ruleset"/> ~ 3204
</ruleset> ~ 3206
```

09:33:22 2017
Fig. 33

```
<variables> ~ 3302
  <variable name = "userid" value = "bezuwork100"> ~ 3304
    <variable name = "last_visit_datetime" value = "0101232048"> ~ 3306
    <variable name = "this_visit_datetime" value = "0106201613"> ~ 3308
</variables> ~ 3310
```

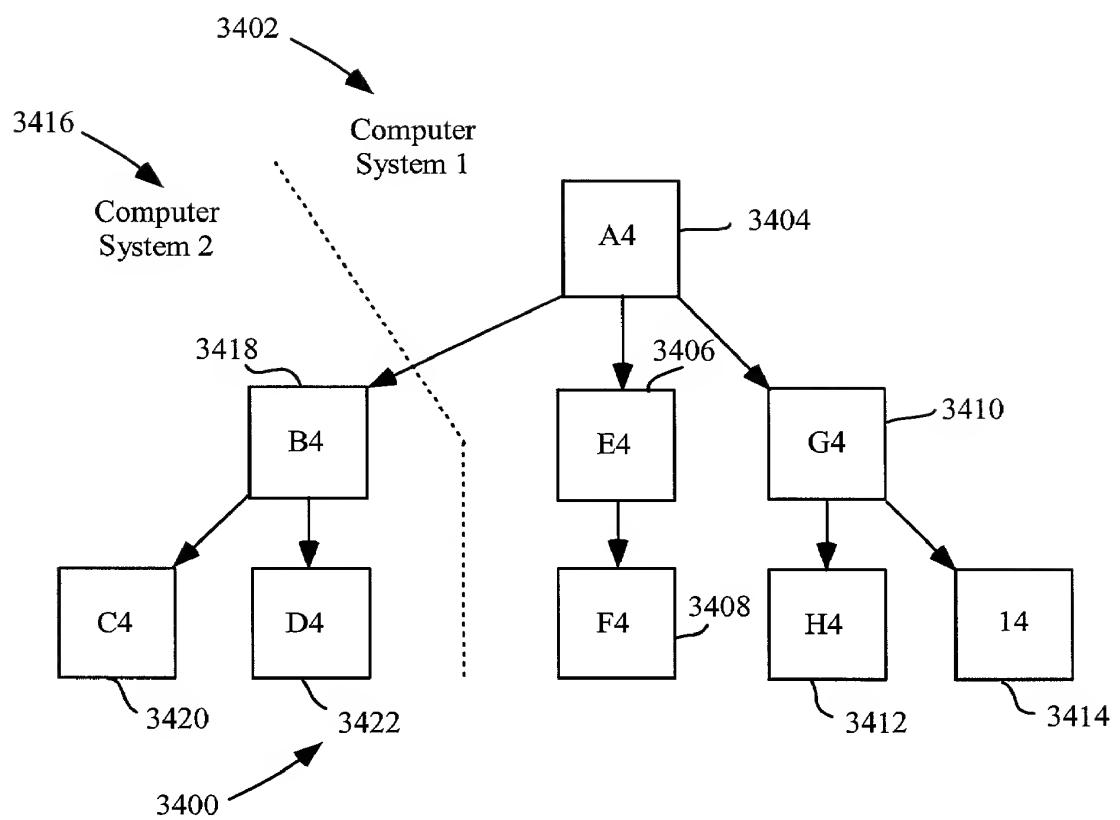


Fig. 34

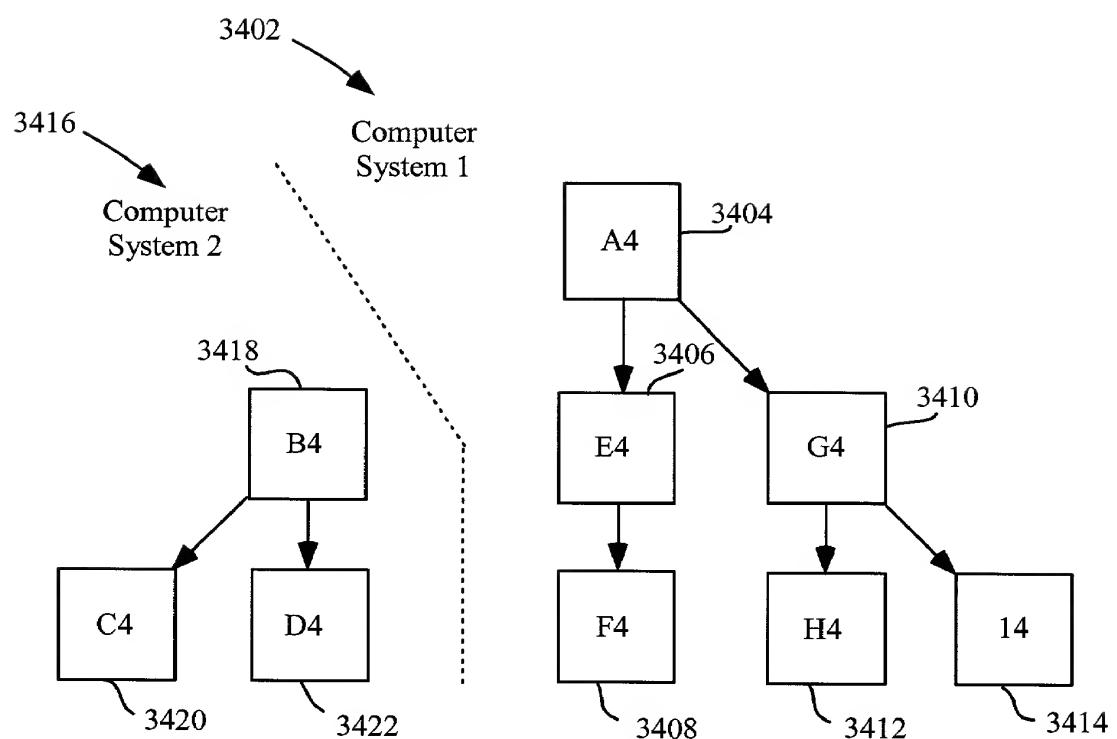


Fig. 35

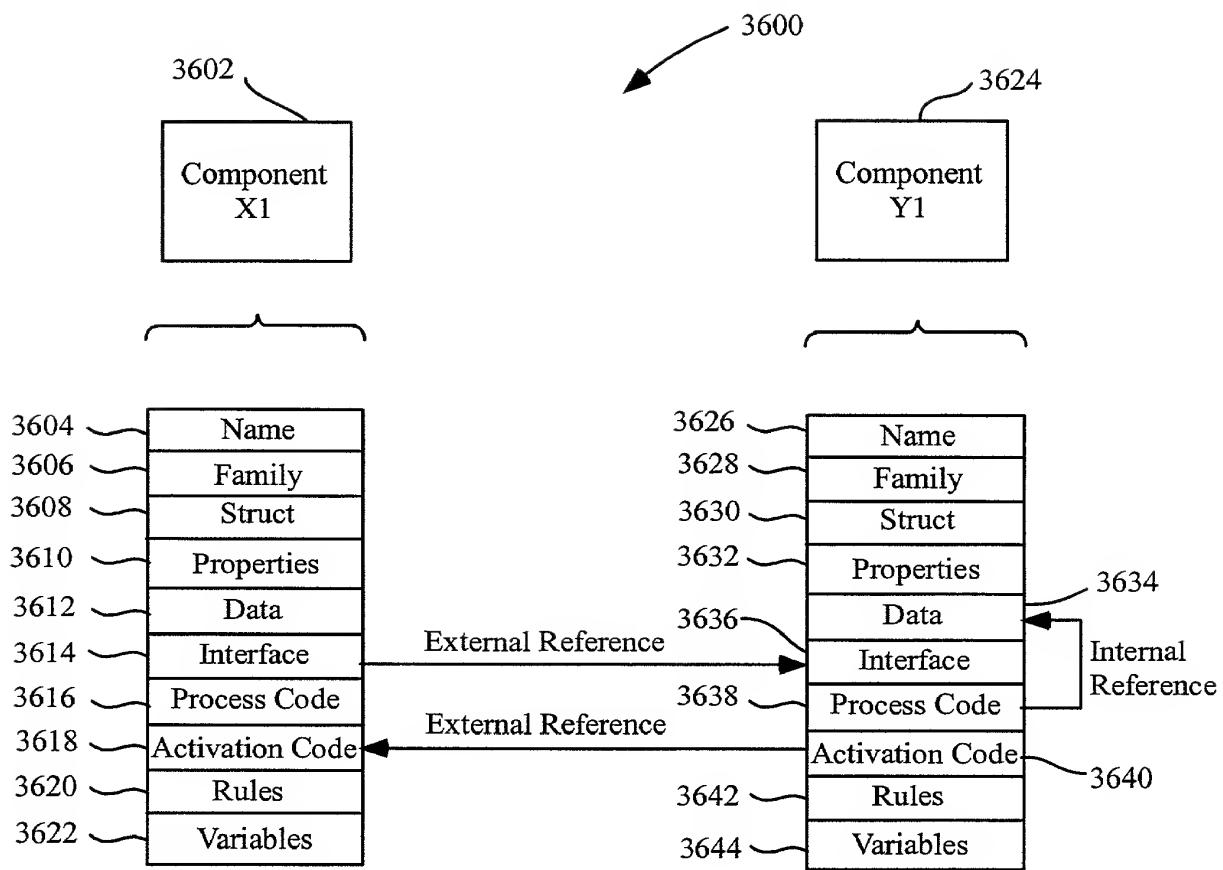


Fig. 36

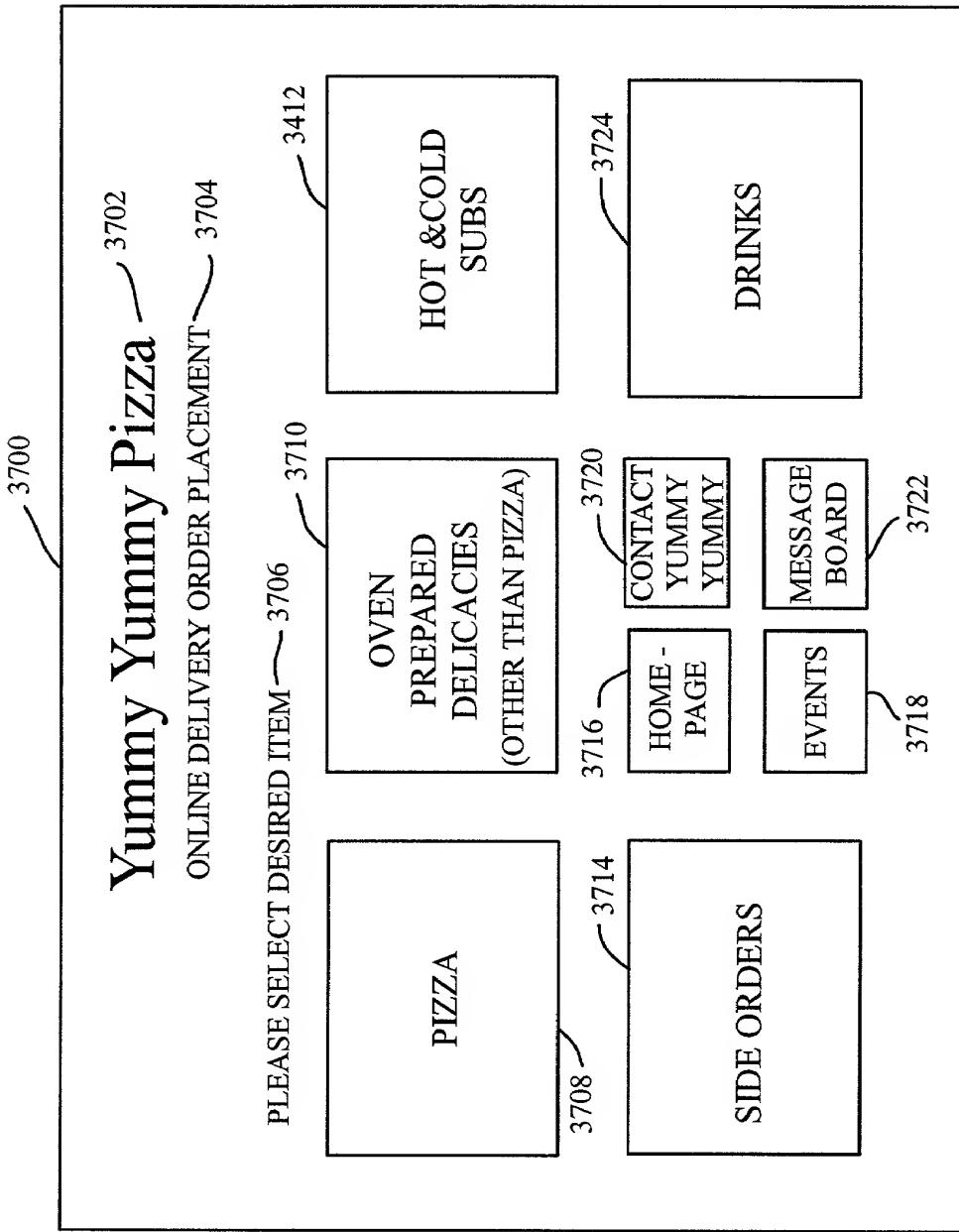


Fig. 37

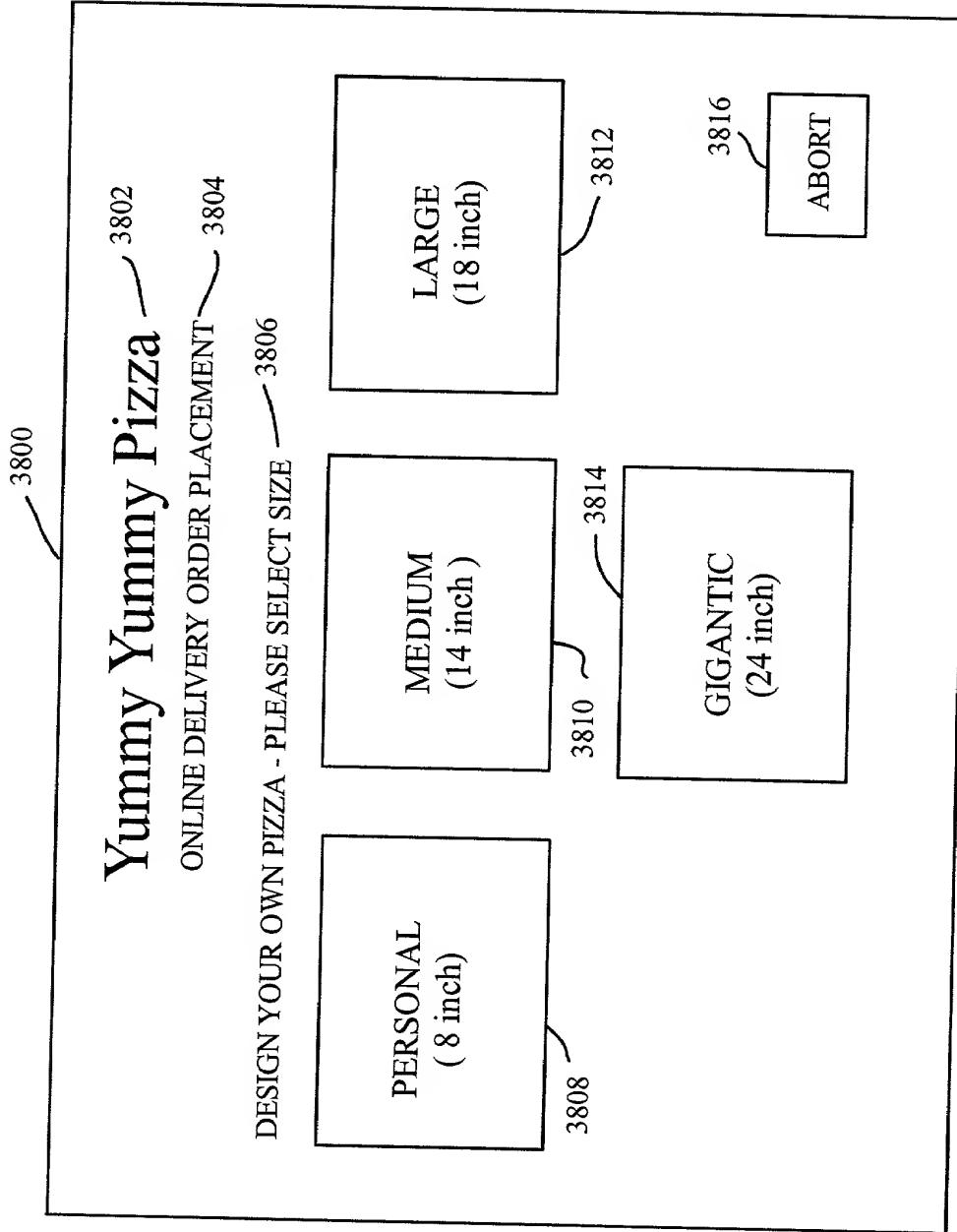


Fig. 38

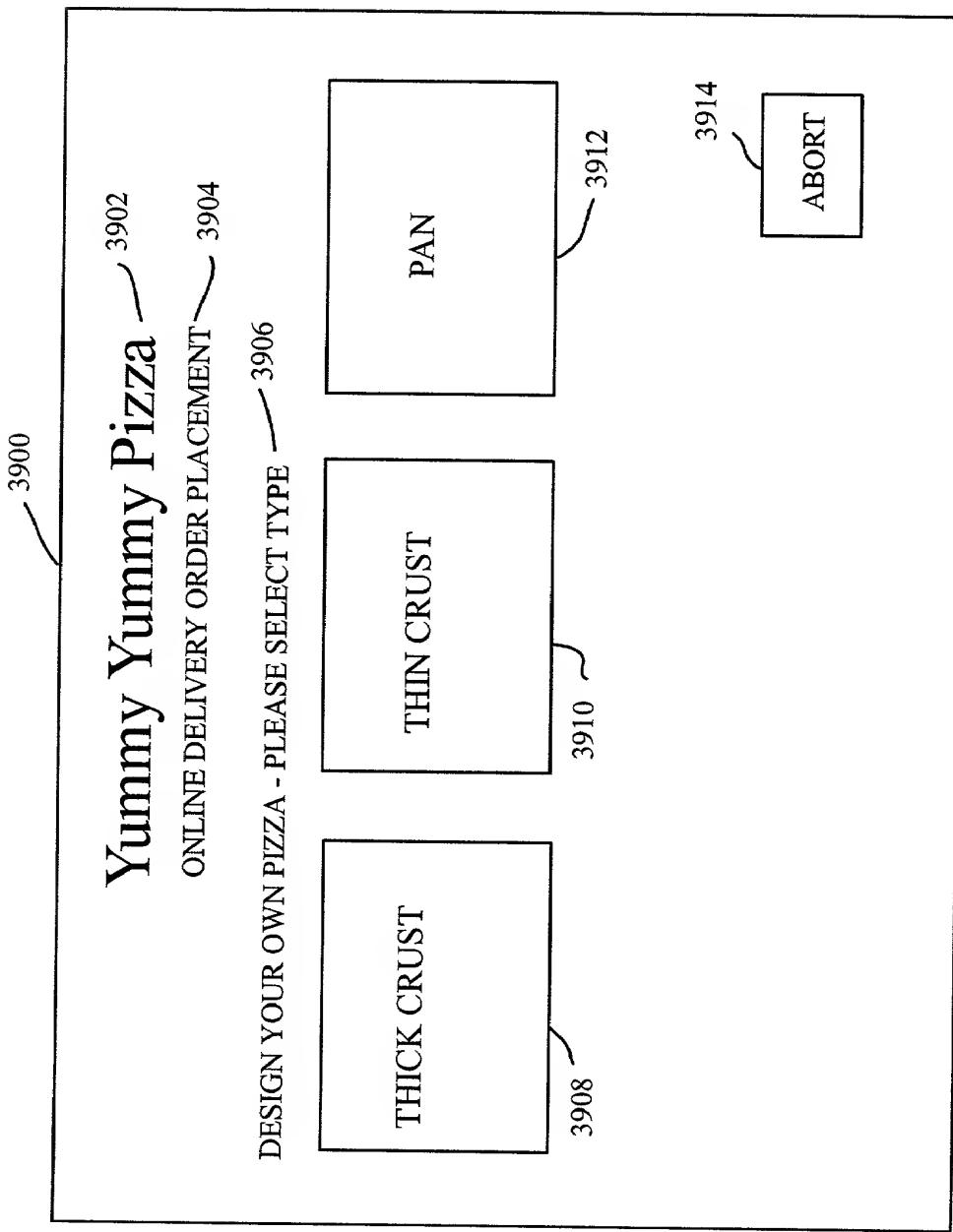
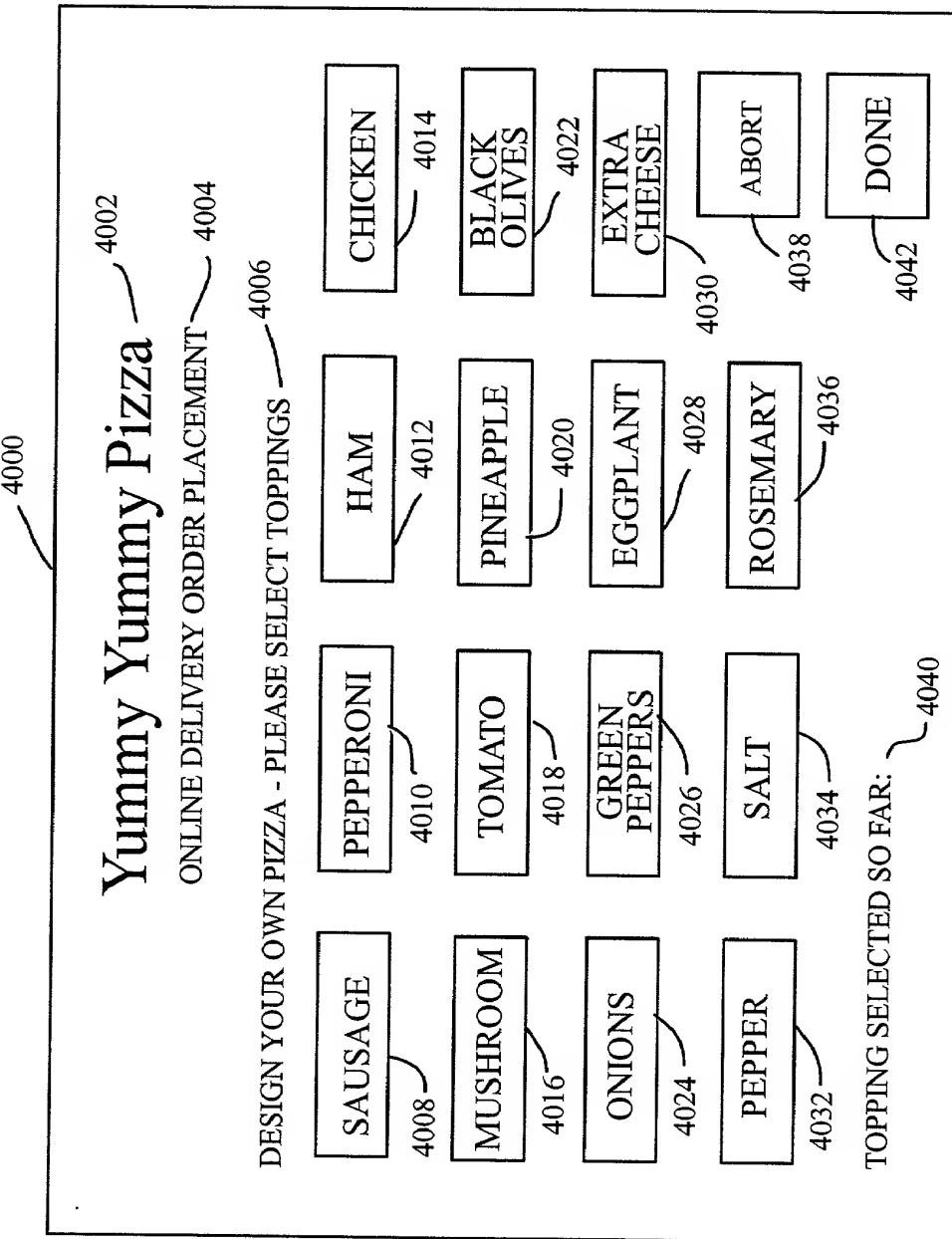


Fig. 39

Fig. 40



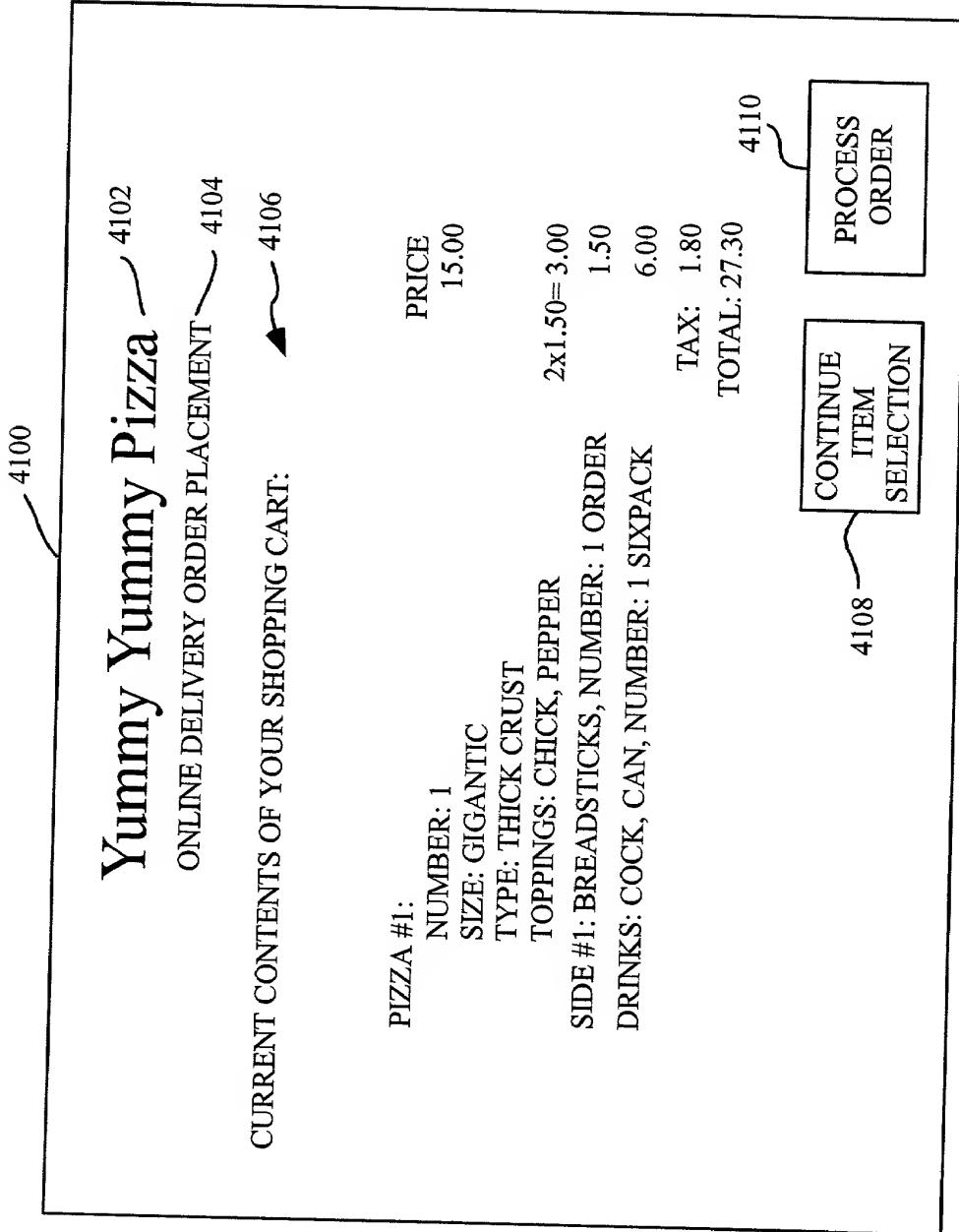


Fig. 41

4202 \leadsto (A1 (B1) (C1 (D1) (E1)))
4204 \leadsto (D1)

Fig. 42

4302 — (user id=bezuwork100 (YA1 (YB1) (YC1) (YD1 (YE1, pizza=1.0, hotfood=1.0)
 (YF1, hotfood=1.0, bakedness=1.0) (YG1, subs= 1.0, breadness=0.3
 sandwich=1.0)) (YH1 (YI1, sideorder=1.0) (YJ1 (YK1 (YL1,
 homepage=1.0) (YM1, email=1.0)) (YN1 (YO1, events=1.0) (YP1,
 messagbd=1.0)))) (YQ1, drink=1.0))))
 4304 — (user id=bezuwork100 (YE1))
 4306 — (user id=bezuwork100 (YA2 (YB2) (YC2) (YD2 (YE2, small=1.0) (YF2,
 medium=1.0) (YG2, large=1.0)) (YH2 (YI2) (YJ2, extra large=1.0) (YK2,
 abort=1.0))))
 4608 — (user id=bezuwork100 (YJ2))
 4610 — (user id=bezuwork100 (YA3 (YB3) (YC3) (YD3 (YE3, chewy=0.9,
 thickness=0.6) (YF3, crispy=0.8, thickness=0.7) (YG3, fillingness=0.9))
 (YH3, abort=1.0)))
 4612 — (user id=bezuwork100 (YE3))
 4614 — (user id=bezuwork100 (YA4 (YB4) (YC4) (YD4 (YE4, sauage=1.0) (YF4,
 pepperoni=1.0) (YG4, ham=1.0) (YH4, chicken=1.0)) (YI4 (YJ4,
 mushroom=1.0) (YK4, tomato=1.0) (YL4, pineapple=1.0) (YM4, black
 olives=1.0)) (YN4 (YO4, onion=1.0) (YP4, green peppers1.0) (YQ4,
 eggplant=1.0) (YR4, cheese=1.0)) (YS4 (YT4, pepper=1.0) (YU4,
 salt=1.0) (YV4, rosemary=1.0) (YW4, abort=1.0)) (YX4 (YY4) (YZ4,
 continue=1.0))))
 4616 — (user id=bezuwork100 (YH4))
 4618 — (user id=bezuwork100 (YA4 (YB4) (YC4) (YD4 (YE4, sausage=1.0) (YF4,
 pepperoni=1.0) (YG4, ham=1.0) (YH4, chicken=1.0)) (YI4 (YJ4,
 mushroom=1.0) (YK4, tomato=1.0) (YL4, pineapple=1.0) (YM4, black
 olives=1.0)) (YN4 (YO4, onion=1.0) (YP4, green peppers1.0) (YQ4,
 eggplant=1.0) (YR4, cheese=1.0)) (YS4 (YT4, pepper=1.0) (YU4,
 salt=1.0) (YV4, rosemary=1.0) (YW4, abort=1.0)) (YX4 (YY4) (YZ4,
 continue=1.0))))
 4620 — (user id=bezuwork100 (YT4))
 4622 — (user id=bezuwork100 (YA4 (YB4) (YC4) (YD4 (YE4, sausage=1.0) (YF4,
 pepperoni=1.0) (YG4, ham=1.0) (YH4, chicken=1.0)) (YI4 (YJ4,
 mushroom=1.0) (YK4, tomato=1.0) (YL4, pineapple=1.0) (YM4, black
 olives=1.0)) (YN4 (YO4, onion=1.0) (yp4, green peppers1.0) (YQ4,
 eggplant=1.0) (YR4, cheese=1.0)) (YS4 (YT4, pepper=1.0) (YU4,
 salt=1.0) (YV4, rosemary=1.0) (YW4, abort=1.0)) (YX4 (YY4) chicken=1.0,
 pepper=1.0)(YZ4, continue=1.0))))
 4624 — (user id=bezuwork100 (YZ4))

Fig. 43

Yummy Yummy Pizza

4400

Yummy Yummy Pizza — 4402

ONLINE DELIVERY ORDER PLACEMENT — 4404

SELECT ITEM, ENTER NUMBER OF UNITS DESIRED, THEN CLICK "ADD TO ORDER"
WHEN DONE, CLICK "PROCESS ORDER" - YOU WILL HAVE AN OPPORTUNITY TO
REVIEW YOUR ORDER FOR ACCURACY BEFORE SUBMISSION.

HOT OVEN PRODUCTS & SUBS

- STROMBOLI CHEESE STEAK SUB ITALIAN SAUSAGE SUB
- CALZONE MEATBALL SUB ITALIAN COLD CUT SUB
- PIZZA

SIZE: PERSONAL MEDIUM LARGE GIGANTIC
CRUST: THIN CRUST THICK CRUST
TOPPING:

- SAUSAGE PEPPERONI HAM EXTRA CHEESE
- MUSHROOM BLACK OLIVES TOMATO PINEAPPLE
- ONIONS GREEN PEPPER EGGPLANT CHICKEN

HERBS & SPICES: PEPPER SALT ROSEMARY OREGANO

SIDE ORDERS:

- BREADSTICKS BUFFALO WINGS POTATO CHIPS

DRINKS:

- LITER COKE SPRITE, CAN ICED TEA, BOTTLE
- COKE, CAN DIET COKE, CAN WATER, BOTTLED

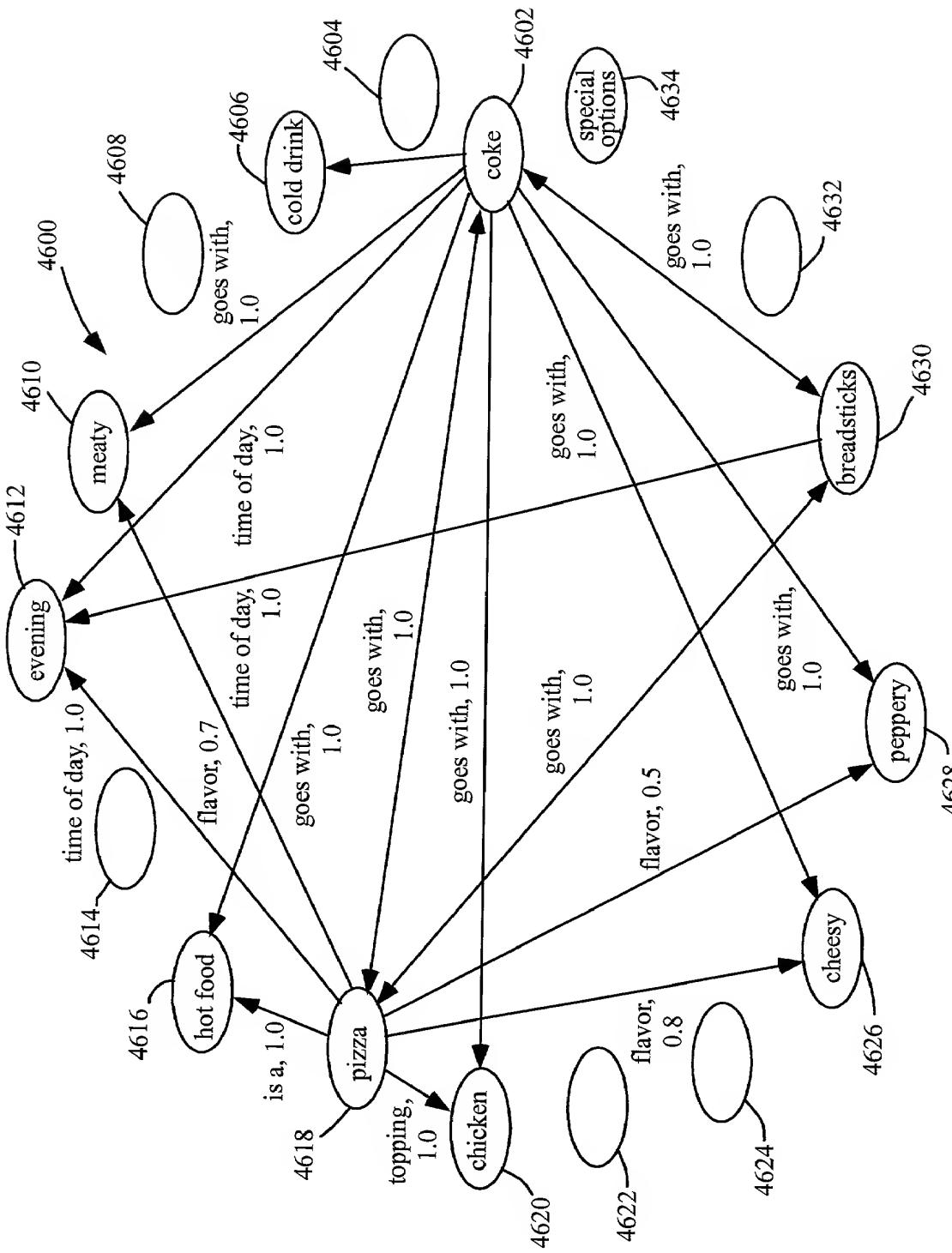
NUMBER OF SELECTED ITEMS DESIRED: 1 ADD TO ORDER PROCESS ORDER
4410 4412 4414

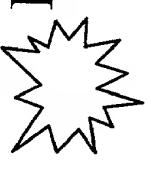
Fig. 44

(webpage) 4502¬(user id=bezuwork100 (ZA1 (ZB1) (ZC1) ZD1) ZE1) (ZF1) (ZG1,
add=1.0) (ZH1, processorder=1.0))
(response) 4504¬(user id=bezuwork100 (ZE1, pizza=1.0, hotfood=1.0, gigantic=1.0,
chewy=0.9, thickness=0.6, chicken=topping,1.0,
pepper=topping, 1.0, processorder=1.0))
(webpage) 4506¬(user id=bezuwork100 (ZA2 (ZB2) (ZC2) (ZD2) (ZE2) (ZF2) (ZG2),
add=1.0) (H2, procesorder=1.0))
(response) 4508¬(user id=bezuwork100 (ZE2 breadsticks=1.0, sideorder= 1.0))
(webpage) 4510¬(user id=bezuwork100 (ZA3 (ZB3) (ZC3) (ZD3) (ZE3) (ZF3) (ZG3),
add=1.0) (ZH3, processorder=1.0))
(response) 4512¬(user id=bezuwork100 (ZE3 coke=1.0, colddrink=is a, 1.0,
dataentry value="6"))

Fig. 45

Fig. 46



 EDITHA'S FILIPINO DINER — 4702

1116 South 19th Street — 4704
Arlington, VA 22202

For delivery, select menu items below, or go to our delivery page

4708 RESERVATIONS	4710 SPECIALS	4712 FULL MENU	4714 DELIVERY	4716 CATERING	4718 SITE MAP
4720	4722	4724	4726	4728	4730
25 ARROZCALDONG (rice & chicken)	21 AFRITADA (sausage stew)	34 PAELLA (chicken & sausage with rice)	15 GINISANG MUNGO (vegetable)	18 PAKIGUNG (fish)	17 ESCABECHE (fish)
4732	4734	4736	4738	4740	4742
11 ADOBO (chicken)	12 TORTA (meat)	15 SINIGANG NA BABOY (meat)	10 PANSIT (noodles, meat & vegetables)	28 TINOLA MANOK (chicken)	62 PANDESAL (bread)

Fig. 47

EDITHA'S FILIPINO DINER

4800

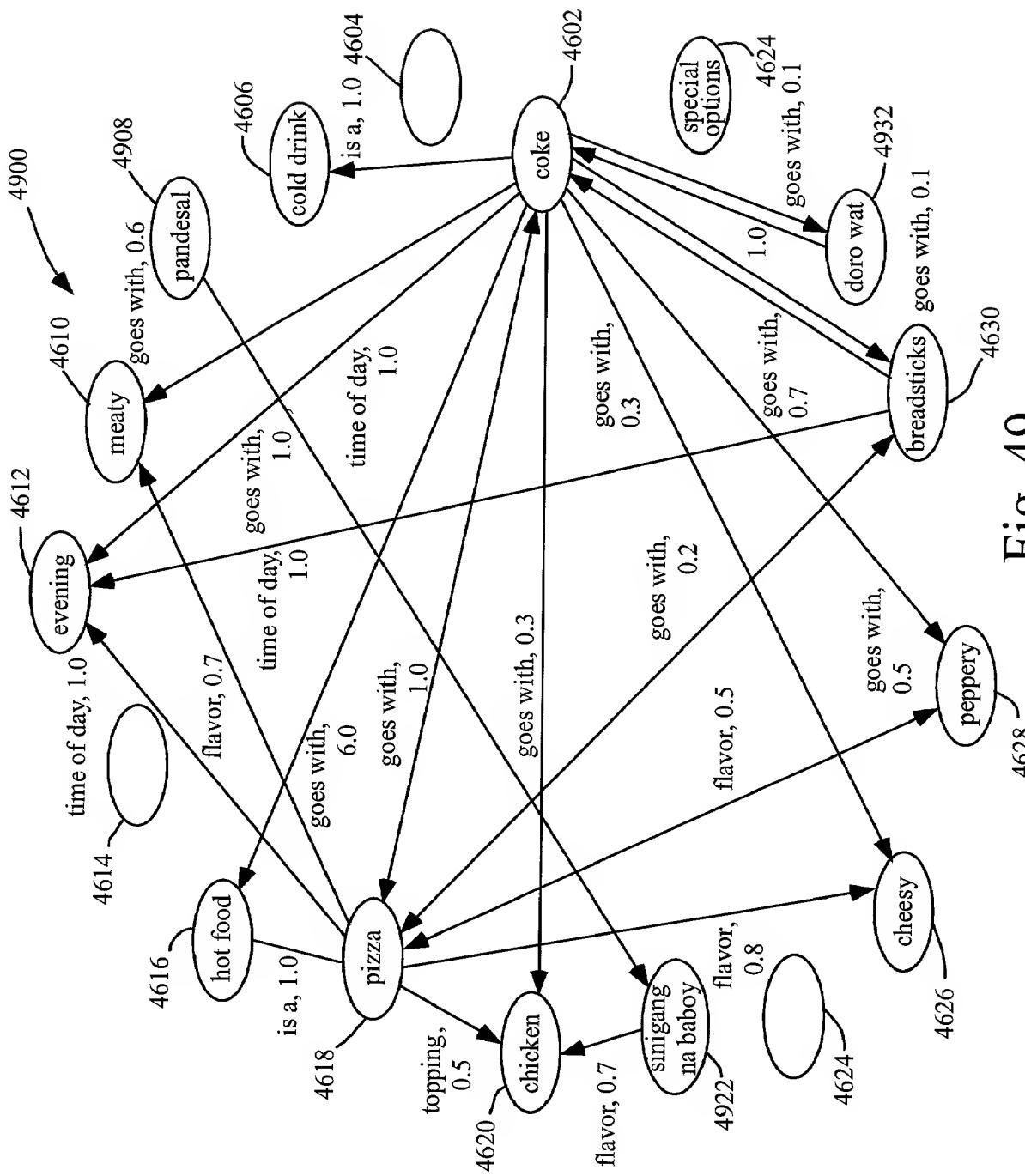
1116 South 19th Street 4704
Arlington, VA 22202 4706

For delivery, select menu items below, or go to our delivery page

<u>4714</u>	<u>4712</u>	<u>4710</u>	<u>4716</u>	<u>4802</u>	<u>4718</u>
<u>DELIVERY</u>	<u>FULL MENU</u>	<u>SPECIALS</u>	<u>CATERING</u>	<u>HISTORY & LANGUAGE</u>	<u>SITE MAP</u>
<u>4804</u>	<u>4722</u>	<u>4724</u>	<u>4806</u>	<u>4808</u>	<u>4742</u>
42 PAGKAING BILOG (pizza Filipino style)	21 AFRITADA (sausage stew)	34 PAELLA (chicken & sausage with rice)	101 MANGO DRINK	103 COCONUT DRINK	62 PANADESAL (bread)
<u>4732</u>	<u>4734</u>	<u>4736</u>	<u>4738</u>	<u>4740</u>	<u>4730</u>
11 ADOBO (chicken)	12 TORTA (meat)	15 SINIGANG NA BABOY (meat)	10 PANSIT (noodles, meat & vegetables)	28 TINOLA MANOK (chicken)	17 ESCAPECHE (fish)

Fig. 48

Fig. 49



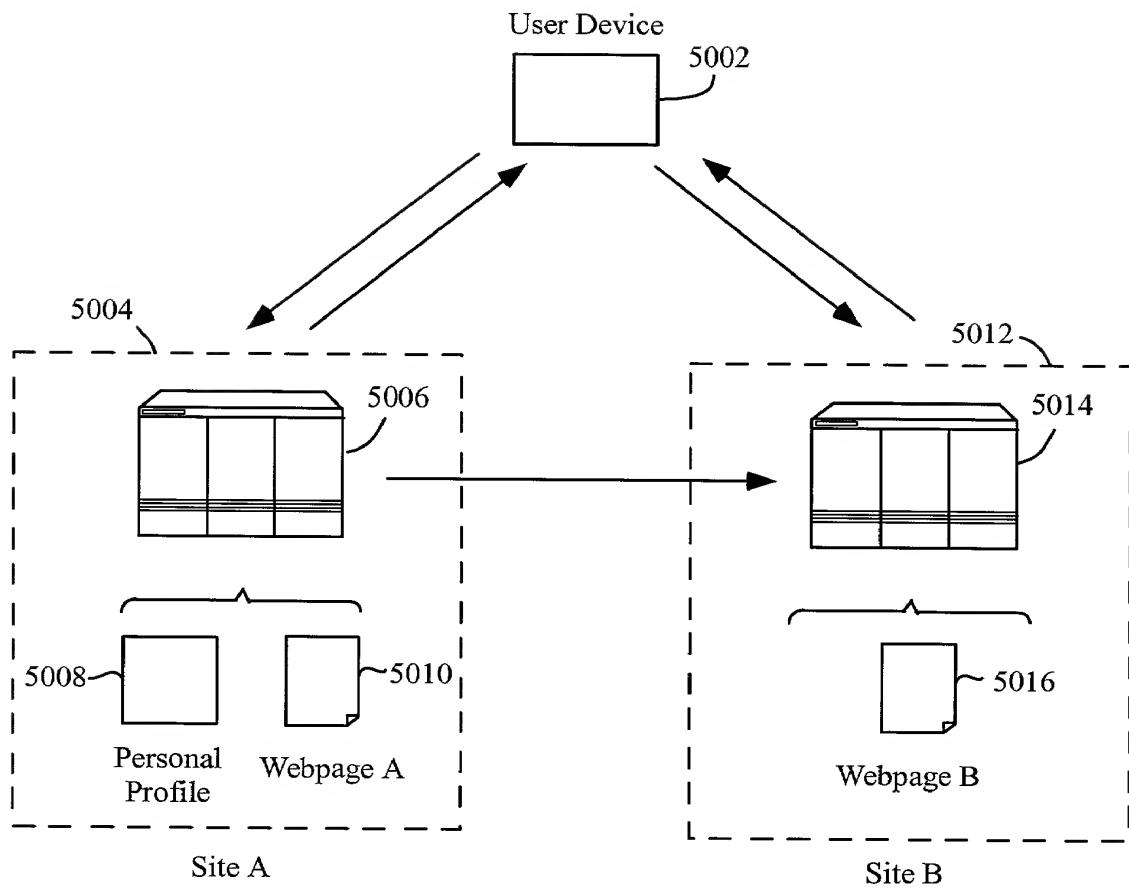


Fig. 50

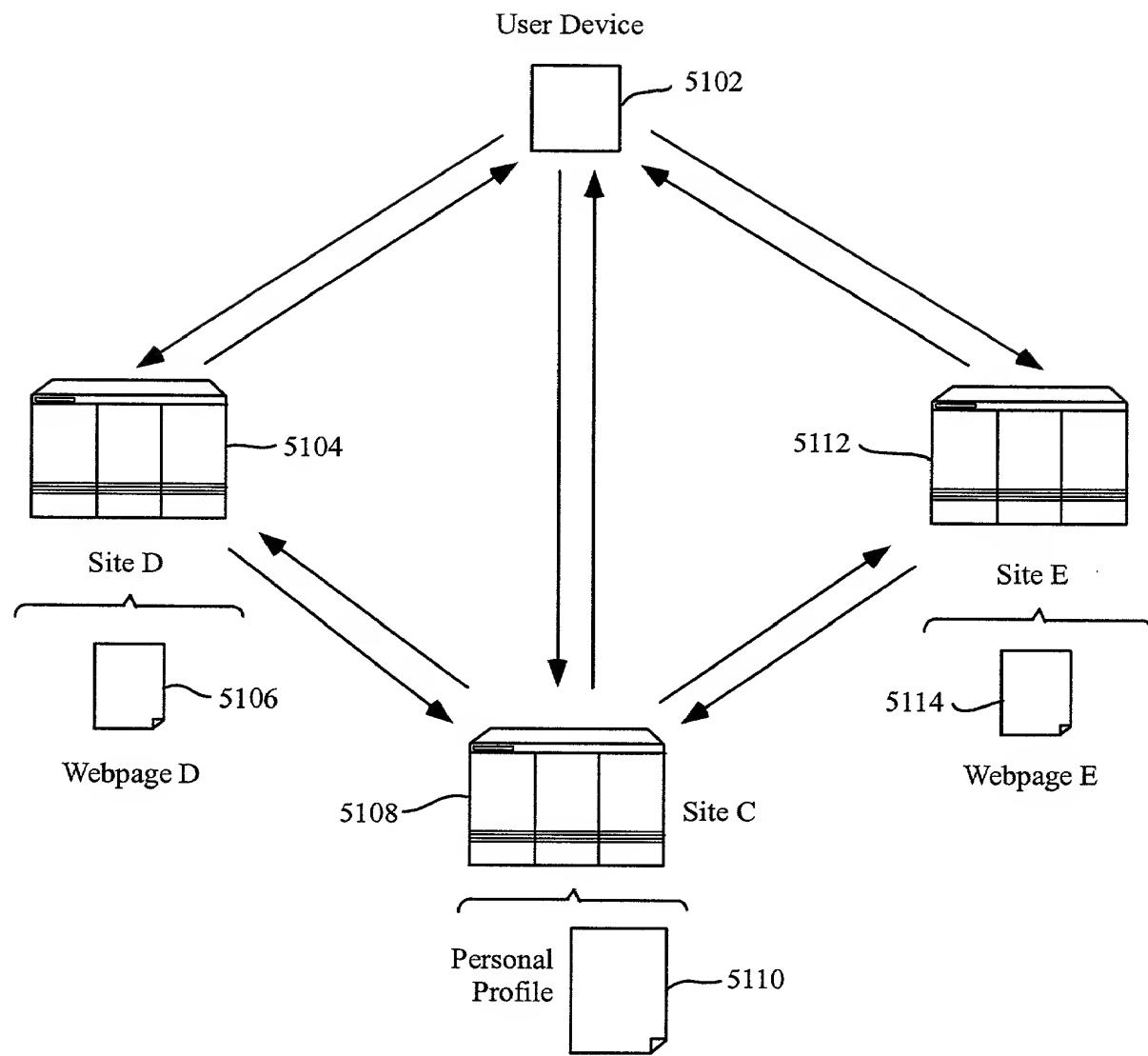


Fig. 51

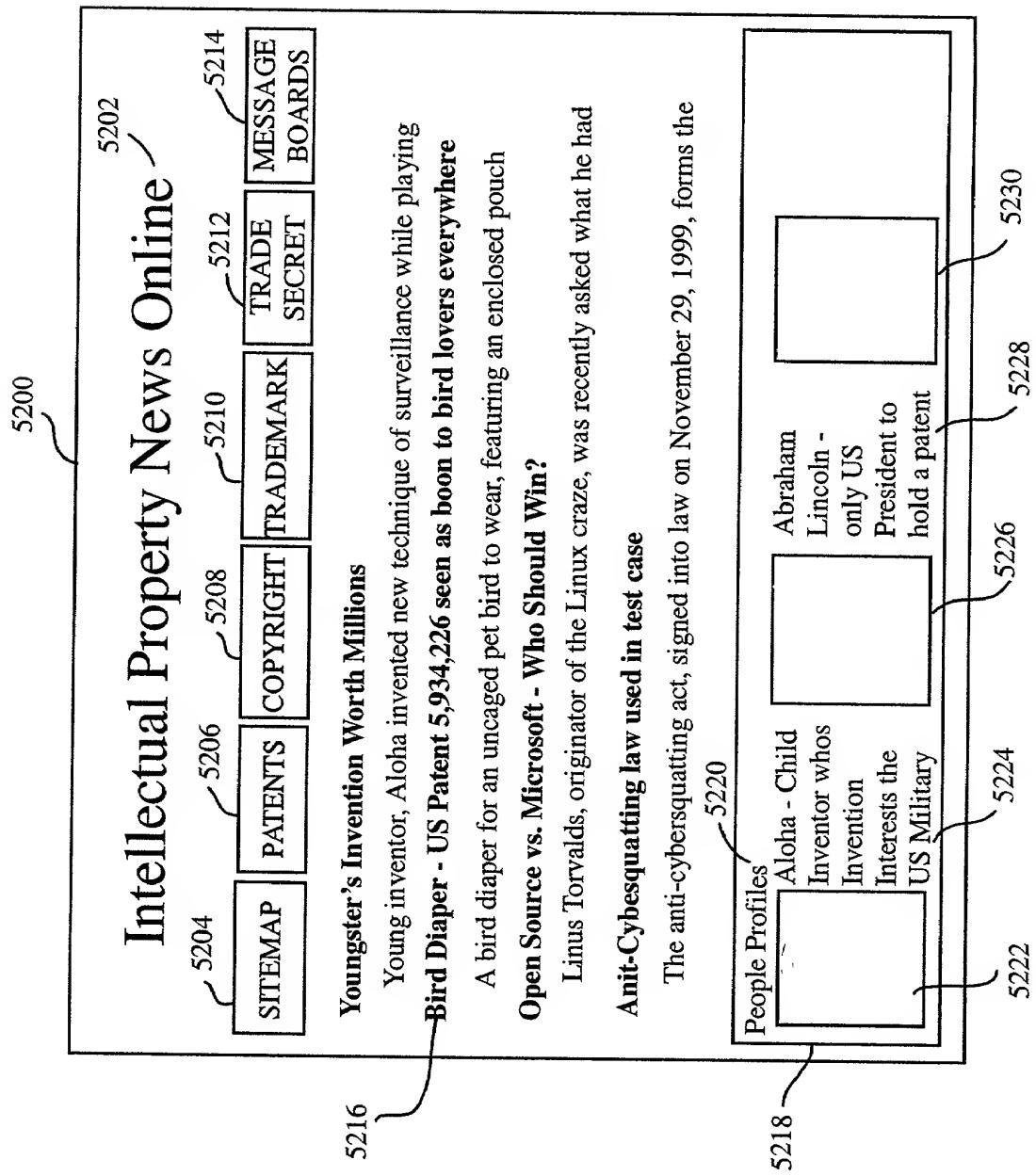


Fig. 52

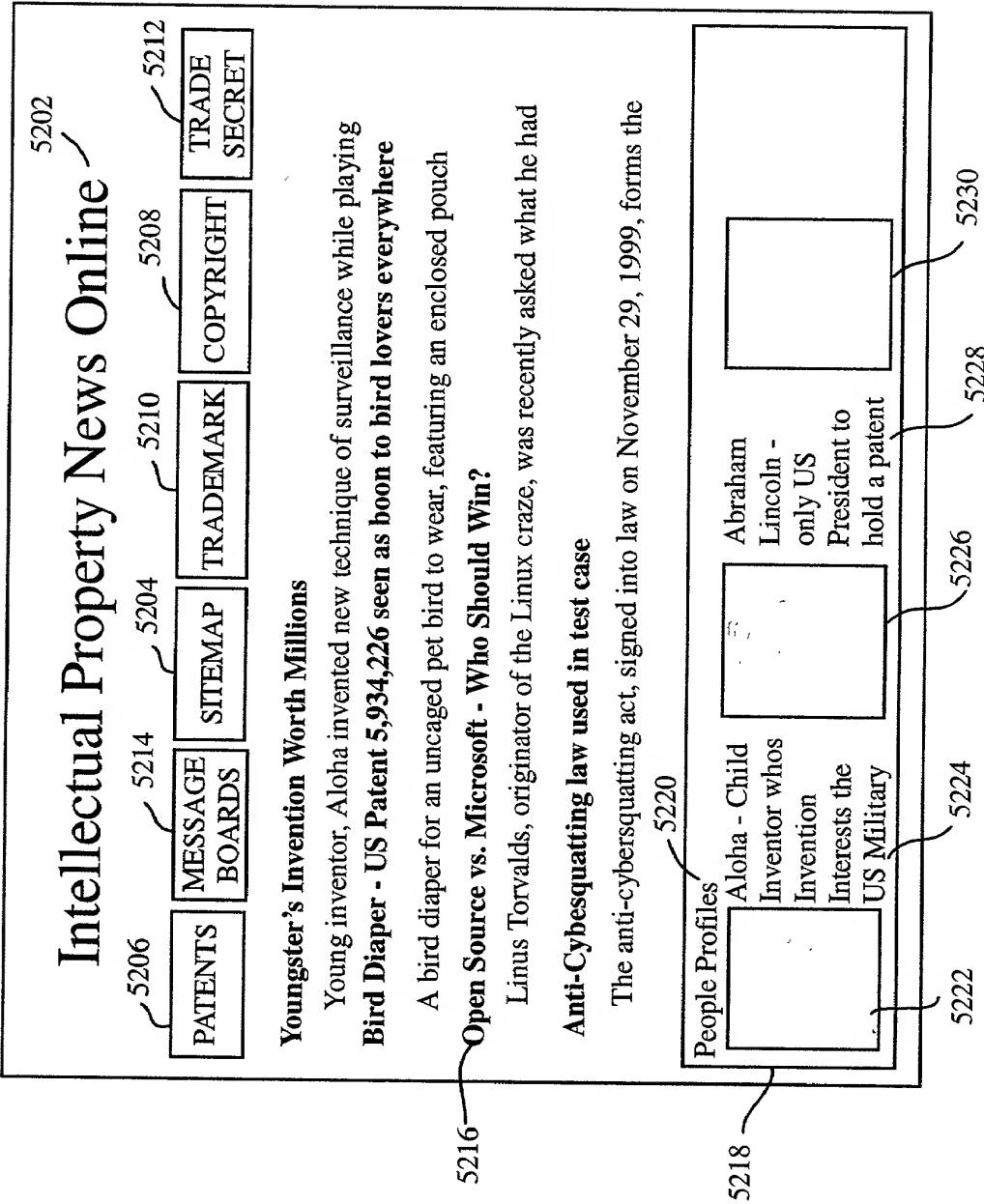


Fig. 53

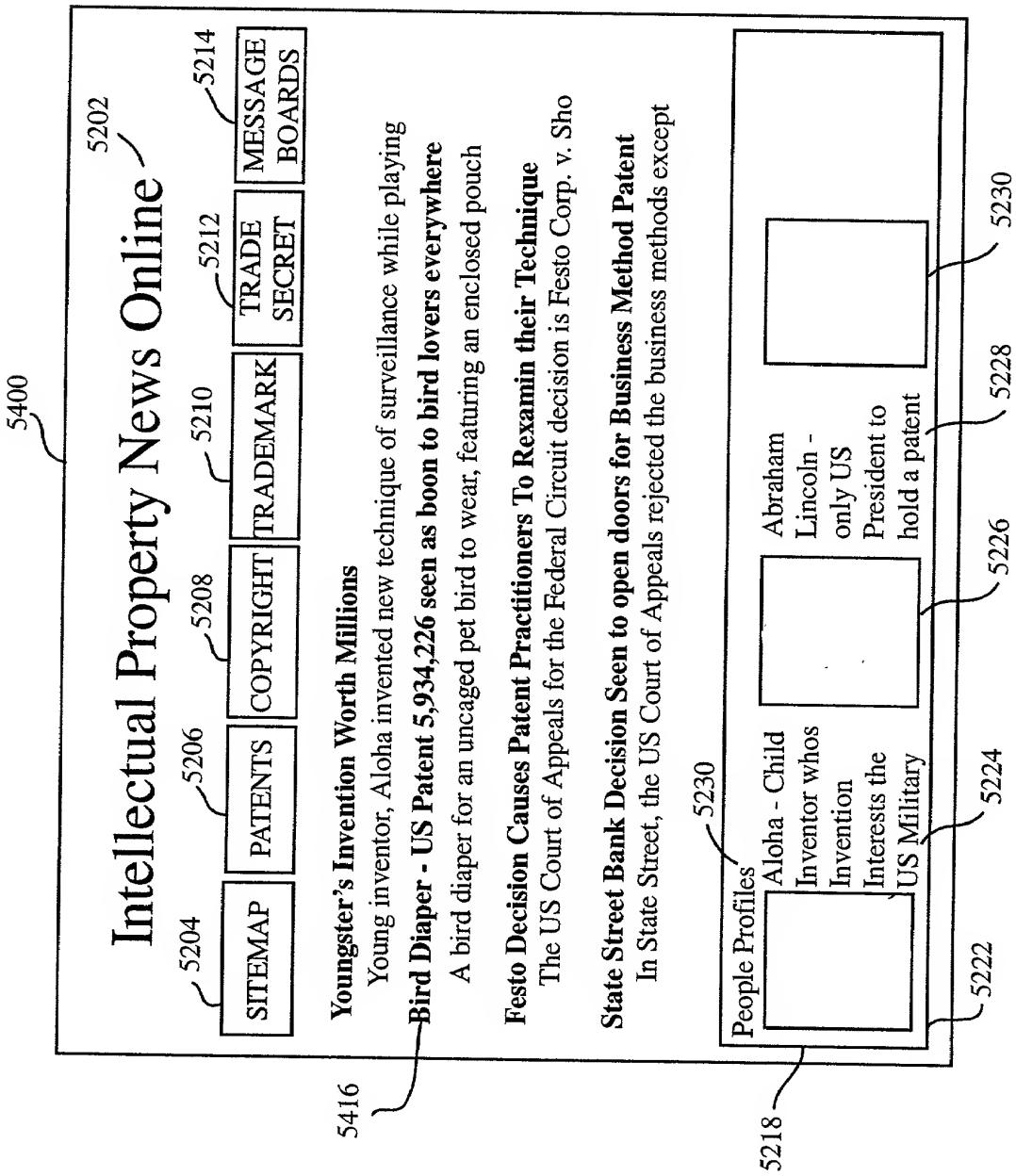


Fig. 54

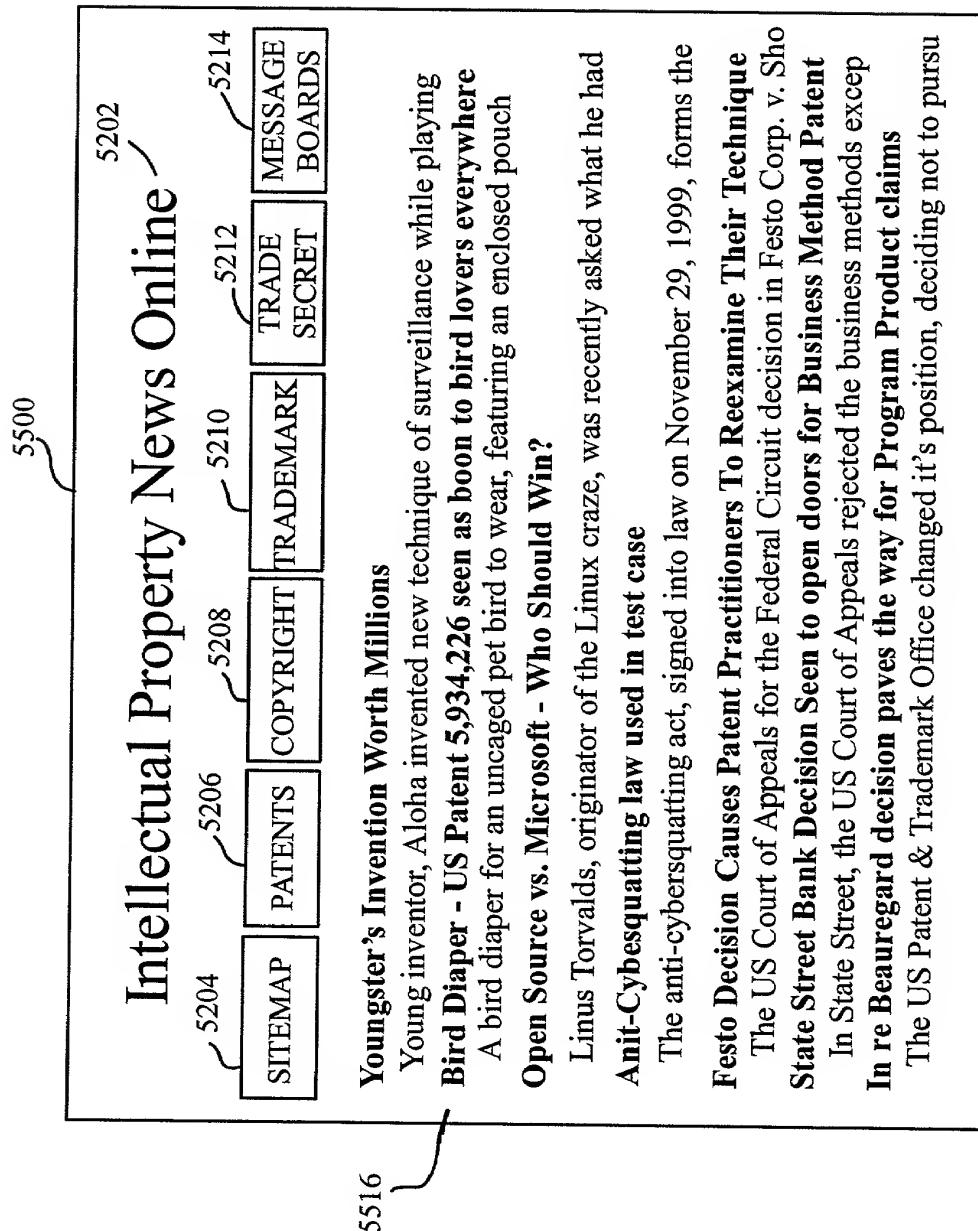


Fig. 55

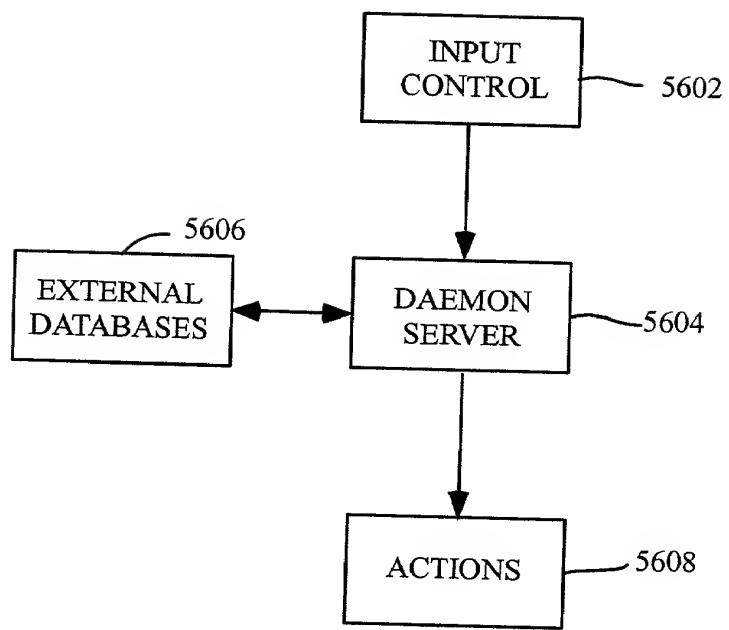
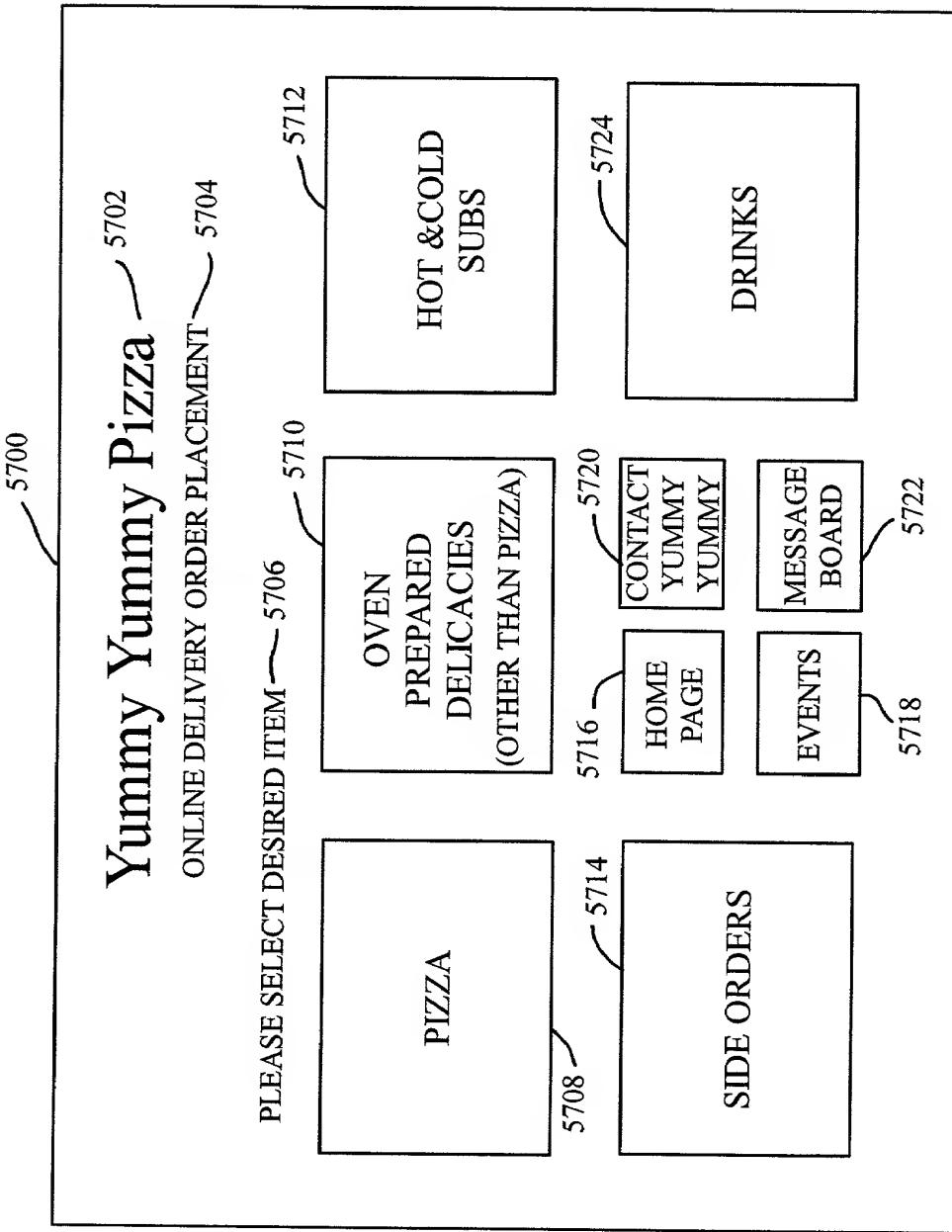


Fig. 56

Fig. 57



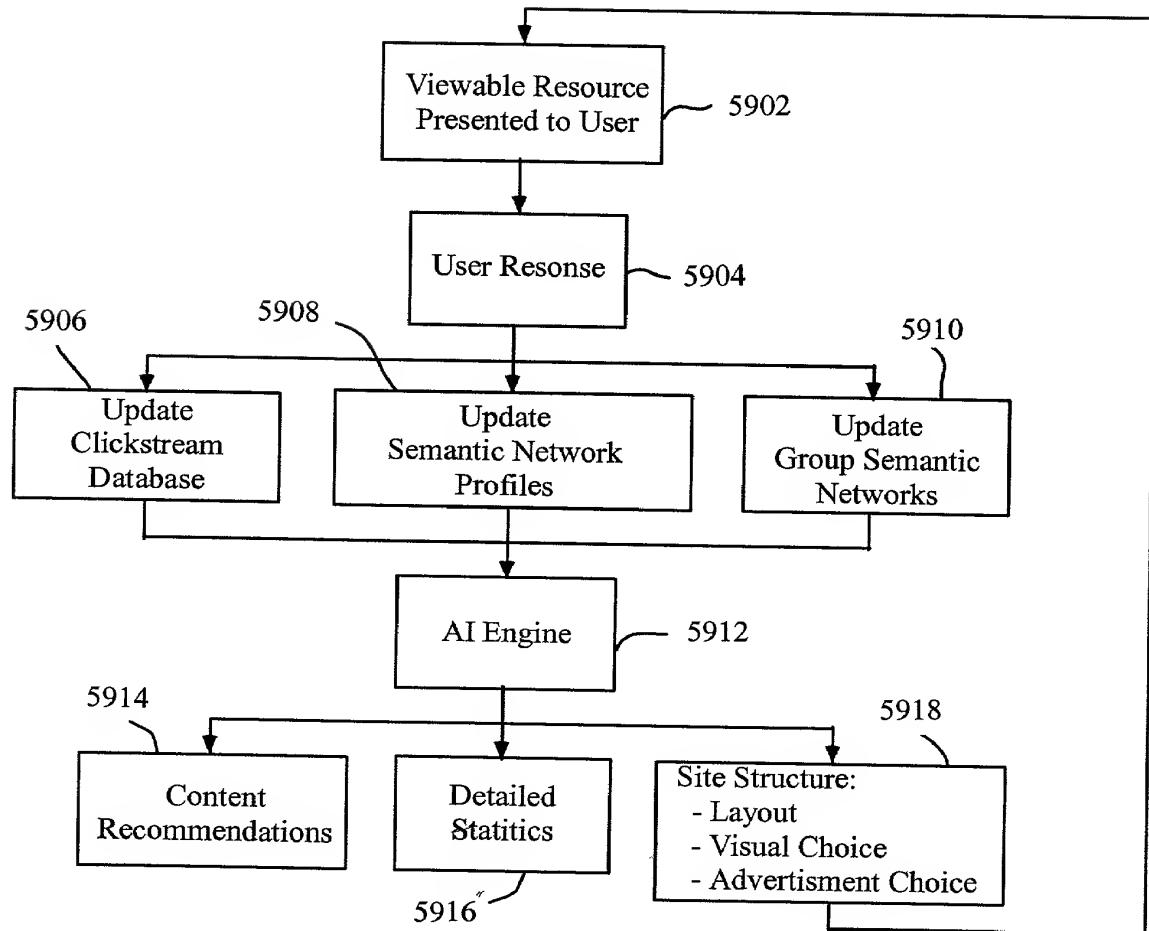


Fig. 58

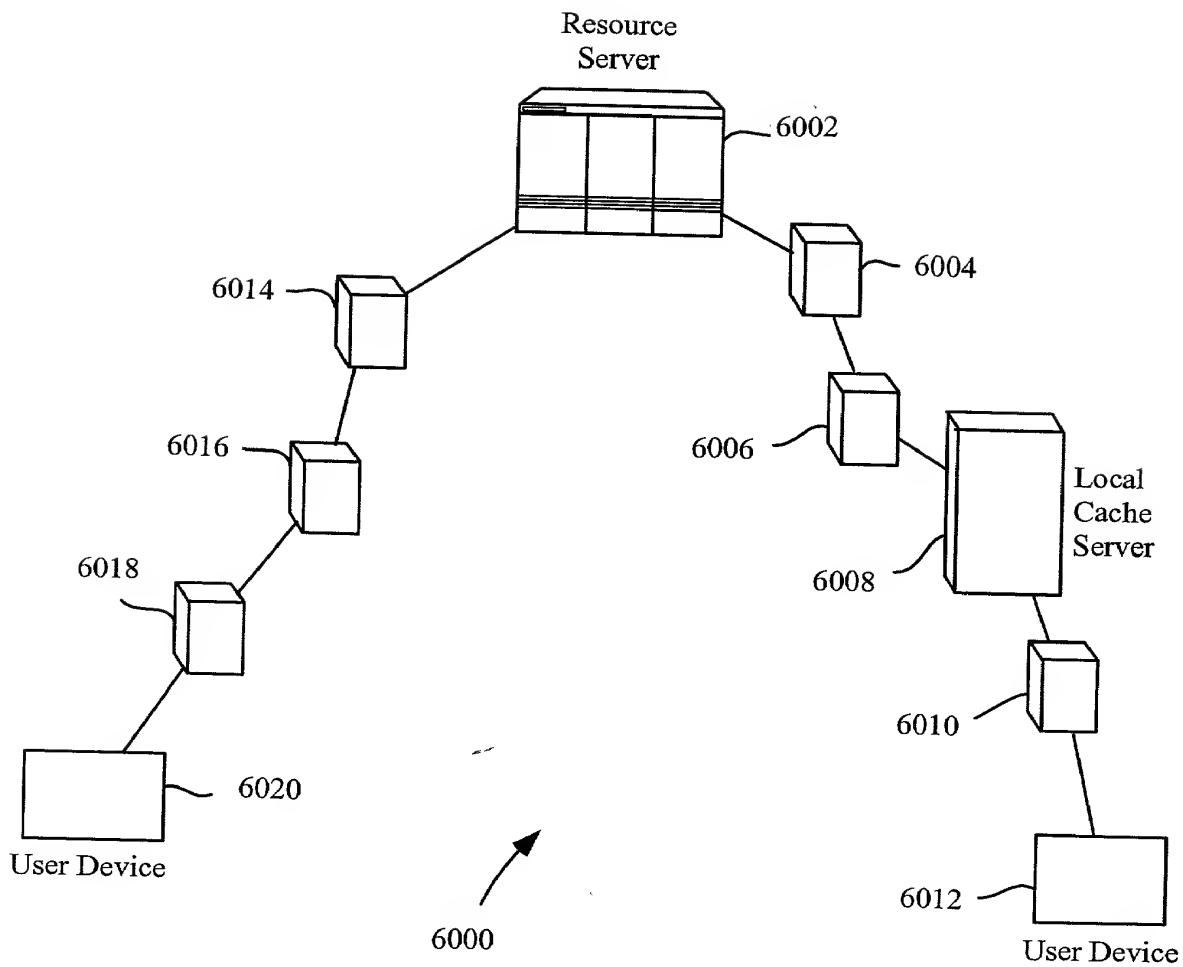


Fig. 59

```

<?xml version="1.0"?>

<componentDefinition>
    <identification>
        <name value="componentSprint"/>
        <type value="normal"/>
    </identification>
    <relatives>
        <relative value="componentSprint">
    </relatives>
    </struct>
        <reference value="this"/>
    </struct>
    <properties>
    </properties>
    <data type="none">
        <![CDATA[]]>
    </data>
    <interface type="text/html">
        <![CDATA []]>
    </interface>
    <code language="WebL">
        <![CDATA[
            import Java;
            // @CCID
            // Define Java API interface
            // Specify the particular Method that contains the routines for the API calls
            var jClass = Java_New ("Future4");
            var API = jClass.getOCPDS (ccID);
            // Begin
            var carrierName = "Sprint PCS";
            var baseURL =
                "http://www.messaging.sprintpcs.com/sms/check_message_syntax.html?callbacknum=
7777777777";
            var messageHeader = "&message=";
            var defaultMessage = "This+is+a+sample+message";
            var message = API.gOQV ("message");
            var mobileHeader = "&mobilenum=";
            var defaultMobileNum = "7038631132";
            var mobileNum = API.gOQV ("mobileNumber");
            if message == " " or message == nil then
                message = defaultMessage;
            end;
            if mobilenum == " " or mobileNum == nil then
                mobileNum = defaultMobileNum;
            end;
            var P = GetURL(baseUrl + messageHeader + message + mobileHeader +
mobileNum);
        ]]>
    </code>
</componentDefinition>

```

Fig. 60A

```
var myOutput = carrierName + " message sent.";
API.sCI(cID, "test/html", myOutput);
]]>
</code>
<activationCode language="JavaScript">
<![CDATA [ ]]>
</activationCode>
</componentDefinition>
```

Fig. 60 B

```
<?xml version="1.0"?>

<componentDefinition>
    <identification>
        <name value="componentSprintRU"/>
        <type value="preex"/>
    </identification>
    <ruleset>
        <name value="products"/>
    </ruleset>
    <relatives>
    </relatives>
    <struct>
        <reference value="this"/>
    </struct>
    <properties>
    </properties>
    <data type="xml">
        <![CDATA[ ]]>
    </data>
    <interface type="text/html">
        <![CDATA [ ]]>
    </interface>
    <code language="JavaScript">
        <![CDATA [ ]]>
    </code>
    <activationCode language="JavaScript">
        <![CDATA [ ]]>
    </activationCode>
</componentDefinition>
```

Fig.61

```

<?xml version="1.0">

<componentDefinition>
    <identification>
        <name value="componentPR"/>
        <type value="normal"/>
    </identification>
    <relatives>
        <relative value="componentPR"/>
    </relatives>
    <struct>
        <reference value="this"/>
    </struct>
    <properties>
    </properties>
    <data type="none">
        <![CDATA[ ]]>
    </data>
    <bogus>sad;1kjf;saldkjf;dslkjf;alsdkjfa;lksdjfa;lksj</bogus>
    <interface type="text/html">
        <![CDATA[
            import Java;
            //try
            // @CCI
                // Define Java API interface
                // Specify the particular Method that contains the routines for the API calls
                var jClass = Java_New ("Future4");
                var API = jClass.getOCPDS(ccID);
                //var P = GetURL ("http://www.prnewswire.com/home.shtml");
                var P = GetURL (http://199.230.26.69/home.shtml);
                var table = Elem (P, "table");
                var QA = table [3];
                var QB = Elem (QA, "tr");
                var myOutput = "<IMG ALIGN=Middle
SRC=\http://www.prnewswire.com/images/logoanim3.gif BORDER=\ "0\"
ALT=\ "PR
Newswire\ " VSPACE=7\> +
                "<br><table>" +
                Markup (QB[0] + Markup (QB[1]) + Markup (QB[2]) +
                Markup (QB[3]) +
                "</table>";
                API.sCI(cID, "text/html", myOutput);
            //catch E
            //    on true do
            //        "Data timeout / not available."
            //end
        JJ>
    </code>
    <activationCode language="JavaScript">
        <![CDATA[ ]]>
    </activationCode>
</componentDefinition>

```

Fig.62

```

<?xml version="1.0"?>

<componentDefinition>
    <indentification>
        <name value="componentGIF"/>
        <type value="normal"/>
        <description value="This is a GIF File embedded in the component"/>
    </identification>
    </relatives>
    <struct>
        <reference value="this"/>
    </struct>
    <properties>
        <property name="none" value="0"/>
    </properties>
    <data type="none">
        <![CDATA []]>
    </data>
    <interface
type="image/gif"><![CDATA[R01GODdhIAAgAPcAAP///X+/+z4/e32+uvx9efx9erv9eHv9exq7
9Pm6txi5cbd4dDb3c/a3sTS1b/R17fK0a/J0LbGya/FyqvAw6y+wp62u5mtspiqrpKor5OnryemroOh
o56qn4OdnoOXm4yOhX6aoHStmWqKkX+PiWaHjXSCfG6EV4FpJPOiFOwkDukjANYiHNAo
ANiiAM8jAPwfe/8TE/8PGP8ME/kbDv8RAP8KD/8FC/8Mav8AAPQHAokBAOEAAANMfGscf
AMgWANsAANQCAMYAAK42KK41J7EnCbIiAKcrAKcgAJM5AlszAZAqAJMjALAeD74ZA
L0VALITAK4dDqYeALOAAKQOAIEeEpsAAJQAAI4OAIMAAHh0Z218bGBwam13Z2RjV29
hQmFdTmRVQH9gN39oImdWOGdXN21MJHliG2pEF148MVs0JFMwJGgnAGcmAFs5D1kpA
H4dEWgYhXkAAHIAAE4AAEQAADgAACwASCUAAB0AAAkAAAAAACQODyQJACMD
AA0TGAwSFR8PBhMCAAkAAAAAAD9WZDZWZi9SzjpTXzJMWSBEVHBOP2VIOWNFO
WBIM3xZInVGL31AI15GMXhPGVU9MI3MUg5NkQ7N1I1L1UyI0gpI3o1E3Y2FWIzG30rAF
44EukjGkc7D1QkCXAAE0VAFkNADA1NyozOSgxNSgpKiYsLjAiHyMdHyIYFigWEz4eDz0
TACIRDyMPDiYAAAwSFAwOEQw0DwAHQC8AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAP///yH5BAEAAAAL
AAAAAAgACAAAbwjJAAEIHEiQYI6DOQoqXMgQocOEDCMafEhRYkSKGA9anJgx48aOIBE
2DE1SI8eM+FKqxAf5MOU/2LK/JfS40CUM3PGZFnxJkV8OoPydOgyB1CZK1XOHGpS4E+k
Ti0epfnQ5dSaP68S9Y1QK8IbDr02BfASaUexEJ2GNYtz51a1XdliRGtV71O3IrkevBp1L129e6G+
RJuWbFmoSzdBWRw4aM6+RRs7ptoTblahfccRpk0s2bGJfNKDP32Y+iNCOmivohxtenPDAM
CADs=]]></interface>
    <code Language="JavaScript">
        <![CDATA[ ]]>
    </code>
    <activationCode Language="JavaScript">
        <![CDATA[ ]]>
    </activationCode>
</componentDefinition>

```

Fig. 63

```

<?xml version="1.0">

<componentDefinition>
    <identification>
        <name value="componentFileListXML"/>
        <type value="normal"/>
    </identification>
    <relatives>
    </relatives>
    <struct>
        <reference value="this"/>
    </struct>
    <properties>
    </properties>
    <data type="none">
        <![CDATA[ ]]>
    </data>
    <interface ttype="text/xsl">
        <!CDATA[
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
    <xsl:output method="html"/>
    <xsl:template match="/">
        <table>
            <xsl:for-each select="fullfilename">
                <!--sorted within grouping-->
                <!--member distinctions-->
                <tr>
                    <td>
                        <font color="#000000" size="1" face="Arial, Helvetica">
                            <xsl:element name="a">
                                <xsl:attribute name="href">
                                    <xsl:text>/servlet/Future4?cid=</xsl:text>
                                    <xsl:value-of select="fileneme"/>
                                </xsl:attribute>
                                <xsl:value-of select="filename"/>
                            </xsl:element>
                        </font>
                        <br/>
                    </td>
                </tr>
            </xsl:for-each>
        </table>
    </xsl:template>
</xsl:stylesheet>
        ]]>
    </interface>
</componentDefinition>

```

Fig. 64A

```
</interface>
<code language="JavaScript">
<![CDATA[
// @ API
var xmlString = API.getFileListingXML("", "xml");
API.setComponentData(cID, "text/xml",xmlString);
]]>
</code>
<activationCode language="JavaScript">
<![CDATA[ ]]>
</activationCode>
</componentDefinition>
```

Fig. 64B